UNIVERSITY COLLEGE, LONDON.

REPORT OF THE COUNCIL.

FINANCIAL STATEMENTS,

AND

OTHER DOCUMENTS,

TO BE PRESENTED TO

THE MEMBERS OF THE COLLEGE

AT THE

ANNUAL GENERAL MEETING

ON

WEDNESDAY, 25th FEBRUARY, 1903.

LONDON:

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OFFICERS OF THE COLLEGE.

President.—The Rt. Hon. LORD REAY, G.C.S.I., LL.D.
Vice-President.—The Rt. Hon. LORD MONKSWELL.
Treasurer.—*Sir RICHARD FARRANT.

COUNCIL.

THE PRESIDENT. THE VICE-PRESIDENT. THE TREASURER.

*Walter Ashburner, M.A.†
*Walter Baily, M.A.
H. R. Beeton.
*J. Bourne Benson, LL.D.†
*Professor J. R. Bradford, M.D., D.Sc., F.R.S.†
Michael Carteighe, F.C.S.
Lord Edmond Fitzmaurice, M.P.
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*Professor F. W. Oliver, D.Sc.†
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*Sir John Rotton, M.A., LL.B., K.C.
W. Arthur Sharpe.
Professor H. R. Spencer, M.D., F.R.C.P.
Professor E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.
*J. W. Swan, F.R.S.
Sir John Williams, Bart., M.D.†
Richard Worsley.

AUDITORS.

John Hennell, B.A.
H. Forster Morley, D.Sc.†
Edwin Waterhouse, B.A., F.C.A. (*Professional*).

Principal.—G. CAREY FOSTER, LL.D., F.R.S.†
Lady Superintendent of Women Students. } Miss ROSA MORISON.
Secretary.—T. GREGORY FOSTER, Ph.D.†

* Member of the Committee of Management.
† Fellow of the College.

SENATE.

President.—G. CAREY FOSTER, LL.D., F.R.S.*

Vice-Presidents.—J. W. SWAN, F.R.S.†

The Rt. Hon. LORD MONKSWELL.†

	Appointed.
A. E. BARKER, F.R.C.S.†	1892
Sir THOMAS BARLOW, Bart., M.D.†	1896
CECIL BENDALL, M.A.	1885
J. F. BLUMHARDT, M.A.	1896
J. R. BRADFORD, M.D., F.R.S.*	1895
LOUIS M. BRANDIN, M.A., Ph.D.	1901
FREDK. BROWN †	1892
A. J. BUTLER, M.A.	1898
OSBERT CHADWICK, M.Inst.C.E., M.Inst.M.E., C.M.G.	1898
J. NORMAN COLLIE, Ph.D., F.R.S.	1902
W. H. CORFIELD, M.A., M.D.†	1869
J. D. CORMACK, B.Sc., M.Inst.E.E.	1901
T. W. RHYS DAVIDS, LL.D., Ph.D.†	1882
J. A. FLEMING, M.A., D.Sc., F.R.S.*	1885
H. S. FOXWELL, M.A.†	1881
E. A. GARDNER, M.A.†	1896
E. J. GARWOOD, M.A.	1901
R. J. GODLEE, M.B., M.S., F.R.C.S.*	1893
HERMANN GOLLANCZ, M.A., D.Lit.	1902
VAUGHAN HARLEY, M.D., M.R.C.P.†	1896
M. J. M. HILL, M.A., D.Sc., F.R.S.*	1884
Sir V. A. H. HORSLEY, M.B., B.S., F.R.S.*	1900
A. E. HOUSMAN, M.A.†	1892
W. P. KER, M.A., LL.D.†	1889
JOHN MACDONELL, M.A., LL.D., C.B.	1901
SIDNEY MARTIN, M.D., F.R.S.*	1896
E. A. MINCHIN, M.A.	1899
F. C. MONTAGUE, M.A.*	1893

* Fellow of the College. † Life Governor of the College.

	Appointed.
A. F. Murison, M.A., LL.D.†	1883
J. W. Neill †	1896
R. Alleyne Nicholson, M.A.	1901
F. W. Oliver, M.A., D.Sc.*	1890
J. Lewis Paton, M.A.	1898
Karl Pearson, M.A., LL.B., F.R.S.†	1884
W. M. Flinders Petrie, D.C.L., LL.D.†	1892
J. Arthur Platt, M.A.†	1894
G. Vivian Poore, M.D., B.S., F.R.C.P.*	1889
J. P. Postgate, M.A., Litt.D.†	1880
R. Priebsch, Ph.D.	1898
Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.†	1887
F. T. Roberts, M.D., B.Sc.*	1880
J. Risien Russell, M.D., F.R.C.P.	1900
T. Roger Smith, F.R.I.B.A.†	1881
H. R. Spencer, M.D., F.R.C.P.†	1893
E. H. Starling, M.D., F.R.C.P., F.R.S.‡	1899
S. A. Strong, M.A.	1895
James Sully, M.A., LL.D.†	1892
G. D. Thane †	1877
F. T. Trouton, M.A., F.R.S.	1902
John Tweedy, F.R.C.S.†	1881
L. F. Vernon-Harcourt, M.A., M.Inst.C.E.†	1882
W. J. Whittaker, M.A., LL.B.	1901

* Fellow of the College. † Life Governor of the College.
‡ Governor of the College.

DEPARTMENTS AND STAFF.

[The Names of Members of the respective Faculties are printed in capitals.]

Faculty of Arts and Laws.

Dean.—Professor E. A. GARDNER.
Vice-Dean.—Professor R. PRIEBSCH.

Subject.	*Name.*	*Status.*
Applied Mathematics and Mechanics.	KARL PEARSON, M.A., LL.B., F.R.S.†	Professor.
	L. N. G. Filon, M.A., D.Sc.*	Assistant.
	Norman Blanchard.....	Assistant.
	H. Payne, Assoc.M.Inst.M.E.	Assistant.
	E. Sprague, Assoc.M.Inst.C.E.	Assistant.
Arabic	S. A. STRONG, M.A.....	Professor.
Archæology	E. A. GARDNER, M.A.† ..	Yates Professor.
Architecture	T. ROGER SMITH, F.R.I.B.A.†	Professor.
	E. G. Burr	Instructor in Measuring.
	A. Buchanan	Demonstrator.
Bengali	J. F. BLUMHARDT, M.A...	Lecturer.
Burmese	J. E. Bridges	Lecturer.
Comparative Law	JOHN MACDONELL, M.A., LL.D., C.B.	Quain Professor.
Comparative Philology..	J. P. POSTGATE, M.A., Litt.D.†	Professor.
Constitutional Law and History.	W. J. WHITTAKER, M.A., LL.B.	Professor.
Egyptology	W. M. FLINDERS PETRIE, D.C.L., LL.D.†	Edwards Professor.
English	W. P. KER, M.A., LL.D.†	Quain Professor.
	T. Gregory Foster, B.A., Ph.D.*	Assistant Professor.
	R. W. Chambers, M.A.* ..	Lecturer, Quain Student.
English Law	W. J. WHITTAKER, M.A., LL.B.	Professor.
Fine Arts	FREDK. BROWN†	Slade Professor.
	H. Tonks	Assistant Professor.
	W. Russell	Assistant.
	P. W. Steer	Assistant Teacher.
French	LOUIS M. BRANDIN, M.A., Ph.D.	Fielden Professor.
	W. G. Hartog	Assistant.
German	R. PRIEBSCH, Ph.D.....	University Professor.
Greek	J. ARTHUR PLATT, M.A.† .	Professor.
Gujárati	S. A. KAPADIA, M.D.	Lecturer.
Hebrew	HERMANN GOLLANCZ, M.A., D.Lit.	Goldsmid Professor.
Hindi ..... / Hindustani	J. F. BLUMHARDT, M.A. ..	Lecturer. / Professor.
History	F. C. MONTAGUE, M.A.* ..	Astor Professor.
	Harold Whyte, M.A.....	Assistant.
History, Ancient Indian .	Romesh C. Dutt, C.I.E. ..	Lecturer.

* Fellow of the College. † Life Governor of the College.

Subject.	*Name.*	*Status.*
Indian Law	J. W. Neill †	Professor.
Italian	A. J. Butler, M.A.	Professor.
„ (Dante)	Rev. E. Moore, D.D.	Barlow Lecturer.
Jurisprudence	A. F. Murison, M.A., LL.D.†	Professor.
Latin	A. E. Housman, M.A.†	Professor.
Marathi	J. W. Neill †	Lecturer.
Mathematics	M. J. M. Hill, M.A., D.Sc., F.R.S.*	Astor Professor.
	L. N. G. Filon, M.A., D.Sc.*	Lecturer.
	H. J. Harris, B.A.	Assistant.
Pali and Buddhist Literature.	T. W. Rhys Davids, LL.D., Ph.D.†	Professor.
Persian	R. Alleyne Nicholson, M.A.	Professor.
Philosophy of Mind and Logic.	J. Sully, M.A., LL.D.†	Grote Professor.
	W. McDougall, M.A., M.B.	Assistant.
	F. Ryland, M.A.	Assistant.
	A. Wolf, M.A.*	Assistant.
Political Economy	H. S. Foxwell, M.A.†	Professor.
	C. P. Sanger, M.A.	Assistant.
	G. Udny Yule †	Newmarch Lecturer.
	A. C. Pigou, B.A.	Jevons Memorial Lecturer.
Roman Law	A. F. Murison, M.A., LL.D.†	Professor.
Sanskrit	C. Bendall, M.A.	Professor.
Tamil and Telugu	R. W. Frazer, B.A., LL.B.	Lecturer.

Faculty of Science.

Dean.—Professor E. H. Starling.

Vice-Dean.—Professor Vaughan Harley.

Subject.	*Name.*	*Status.*
Botany	F. W. Oliver, M.A., D.Sc.*	Quain Professor.
	A. G. Tansley, M.A.*	Assistant Professor.
	W. C. Worsdell, F.L.S.	Assistant.
	Edith Chick, B.Sc.	Quain Student.
Chemistry	Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.†	Professor.
	J. Norman Collie, Ph.D., F.R.S.	Professor (Organic).
	E. C. C. Baly, F.I.C.	Assistant Professor.
	F. G. Donnan, M.A., Ph.D.	Assistant Professor.
	Morris W. Travers, D.Sc.*	Assistant Professor.
	Samuel Smiles, D.Sc.	Assistant.
Civil Engineering and Surveying.	L. F. Vernon-Harcourt, M.A., M.Inst.C.E.†	Professor.
	M. T. Ormsby	Assistant for Surveying.
Electrical Engineering	J. A. Fleming, M.A., D.Sc., F.R.S.*	Pender Professor.
	W. C. Clinton, B.Sc., A.M.Inst.E.E.	Demonstrator.
Geology and Mineralogy	E. J. Garwood, M.A.	Yates-Goldsmid Professor.
Hygiene and Public Health.	W. H. Corfield, M.A., M.D.†	Chadwick Professor.
	H. R. Kenwood, M.B., D.P.H., F.C.S.	Assistant Professor.
	C. Childs, M.A., M.D., D.P.H.	Lecturer.

* Fellow of the College. † Life Governor of the College.

Subject.	*Name.*	*Status.*
Mechanical Engineering .	J. D. CORMACK, B.Sc., M.Inst.E.E.	Professor.
	E. M. Eden, Assoc.M.Inst. C.E.	Assistant.
	E. Sprague, Assoc.M.Inst. C.E.	Assistant.
	H. Payne, Assoc.M.Inst. C.E., Assoc.M.Inst.M.E.	Drawing-Office Assistant.
Municipal Engineering . .	OSBERT CHADWICK, M.Inst. C.E., M.Inst.M.E., C.M.G.	Edwin Chadwick Professor.
	R. Middleton, M.Inst.C.E. . .	Lecturer.
	M. T. Ormsby	Assistant.
Pathological Chemistry . .	VAUGHAN HARLEY, M.D., M.R.C.P.†	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.
Pathology and Morbid Anatomy.	SIDNEY MARTIN, M.D., F.R.S.*	Professor.
	D. N. Nabarro, M.D., B.Sc.*	Assistant Professor.
Physics	F. T. TROUTON, M.A., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc.*	Assistant Professor.
	N. Eumorfopoulos, B.Sc.* . .	Demonstrator.
Physiology	E. H. STARLING, M.D., B.S., F.R.C.P., F.R.S.‡	Jodrell Professor.
	W. A. Osborne, M.B., D.Sc.	Assistant Professor & Sharpey Scholar.
	W. M. Bayliss, M.A., D.Sc.*	Assistant Professor.
	G. C. Chubb, B.Sc.	Demonstrator.
Zoology and Comparative Anatomy.	E. A. MINCHIN, M.A.	Jodrell Professor.
	E. Warren, D.Sc.*	Assistant Professor.
	H. M. Woodcock	Demonstrator.

[The Departments of Architecture, Egyptology, Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy belong also to this Faculty and the Professors are Members of the Faculty.]

Faculty of Medicine.

Dean.—Professor J. R. BRADFORD.

Vice-Dean.—Professor SIDNEY MARTIN.

Sub-Dean.—Professor G. D. THANE.

Subject.	*Name.*	*Status.*
Anæsthetics	D. W. Buxton, M.D., B.S., M.R.C.P.†	Anæsthetist.
Anatomy	G. D. THANE †	Professor.
	D. J. Armour, M.B., F.R.C.S.	Demonstrator.
	G. B. M. White, M.B., B.S., F.R.C.S.	Demonstrator.
	E. S. Littlejohn, M.R.C.S., L.R.C.P.	Assistant Demonstrator.
Clinical Dental Surgery . .	SIDNEY SPOKES, M.R.C.S. . .	Lecturer.
Clinical Dermatology . .	H. RADCLIFFE CROCKER, M.D., F.R.C.P.	Physician.

* Fellow of the College. † Life Governor of the College.
‡ Governor of the College.

Subject.	*Name.*	*Status.*
Clinical Medicine	F. T. ROBERTS, M.D., B.Sc., F.R.C.P.*	Professor. Holme Professor.
	Sir THOMAS BARLOW, Bart., M.D.†	Professor.
	J. R. BRADFORD, M.D., D.Sc., F.R.C.P., F.R.S.*	Professor.
	G. VIVIAN POORE, M.D., B.S., F.R.C.P.*	Professor.
	SIDNEY MARTIN, M.D., F.R.C.P., F.R.S.*	Physician.
	J. RISIEN RUSSELL, M.D., F.R.C.P.	Assistant Physician.
	H. BATTY SHAW, M.D., B.S., F.R.C.S.*	Assistant Physician.
Clinical Midwifery	H. R. SPENCER, M.D., F.R.C.P.†	Professor.
	G. F. BLACKER, M.D., B.S., F.R.C.P., F.R.C.S.*	Physician.
Clinical Ophthalmic Surgery.	JOHN TWEEDY, F.R.C.S.† .	Professor.
	PERCY FLEMMING, M.D., B.S., F.R.C.S.*	Assistant Surgeon.
Clinical Surgery.....	R. J. GODLEE, M.B., M.S., F.R.C.S.*	Professor. Holme Professor.
	A. E. BARKER, F.R.C.S.† . .	Professor.
	Sir VICTOR HORSLEY, M.B., B.S., F.R.C.S., F.R.S.*	Professor.
	BILTON POLLARD, B.S., F.R.C.S.†	Assistant Professor.
	RAYMOND JOHNSON, M.B., B.S., F.R.C.S.	Assistant Professor.
	T. R. H. BUCKNALL, M.D., M.S., F.R.C.S.*	Assistant Surgeon.
Materia Medica and Therapeutics.	J. R. BRADFORD, M.D., D.Sc., F.R.C.P., F.R.S.*	Professor.
Medical Jurisprudence . .	J. RISIEN RUSSELL, M.D., F.R.C.P.	Professor.
Medicine	G. VIVIAN POORE, M.D., B.S., F.R.C.P.*	Professor.
Mental Physiology	W. J. Mickle, M.D., F.R.C.P.	Lecturer.
Midwifery	H. R. SPENCER, M.D., F.R.C.P.†	Professor.
Operative Surgery	BILTON POLLARD, B.S., F.R.C.S.†	Teacher.
Ophthalmic Medicine and Surgery.	JOHN TWEEDY, F.R.C.S.† . .	Professor.
Practical Pharmacy	H. Wilson.	Teacher.
Practical Surgery	T. R. H. BUCKNALL, M.D., M.S., F.R.C.S.*	Teacher.
Surgery	A. E. BARKER, F.R.C.S.† . .	Professor.

[The Departments of Botany, Chemistry, Hygiene & Public Health, Pathology & Morbid Anatomy, Physics, Physiology, and Zoology & Comparative Anatomy belong also to this Faculty and the Professors are Members of the Faculty.]

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* Fellow of the College. † Life Governor of the College.

REPORT OF COUNCIL

To the Members, at the Annual General Meeting, Wednesday, February 25th, 1903.

I. PUPILS AND FEES.

SESSION 1901–1902.

The entire number of Pupils during this Session was 1495, being a decrease of 25 on that of the preceding Session. Of these 1059 were Students in the College, and 436 Pupils in the School. Of the Students, 284 belonged to the Faculty of Medicine, 98 being new Students: in the Faculties of Arts and Laws and of Science there were 775 Students, 354 being new Students: 224 Students were registered as "Internal" Students of the University of London. The largest number of Boys in the School in any one Term was 383.

In the Faculties of Arts and Laws and of Science these figures show, as compared with the preceding Session, a decrease of 82 in the new Students and a total decrease of 44; and in the Faculty of Medicine an increase of 6 in the new Students, and a total increase of 5.

The Fees received (exclusive of those for Clinical Instruction) amounted to £24,086 15*s.* 6*d.*, being £12 10*s.* 6*d.* less than in the Session 1900–1901.

The details for the two Sessions compared were as follows:—

	1901–1902.			1900–1901.		
	£	*s.*	*d.*	£	*s.*	*d.*
Faculty of Medicine	3,837	15	0	3,504	18	0
Faculties of Arts and Laws and of Science	12,092	12	6	12,863	5	0
School	8,156	8	0	7,731	3	0
	£24,086	15	6	£24,099	6	0

In addition to the above-stated amounts, the sum of £1,810 4*s.* 0*d.* was received for Clinical Instruction in the Hospital, making a total of £5,647 19*s.* 0*d.* paid by Students of the Faculty of Medicine, being £931 7*s.* 0*d.* more than the Session 1900–1901.

The total payments to Professors, Teachers, and Masters amounted to £16,962 1*s.* 4*d.*

THE CURRENT SESSION.

The entries of Students to February 1st, 1903, have been as follows:—in the Faculty of Medicine, 218, of whom 43 are new Students; in the Faculties of Arts and Laws and of Science, 744, of whom 376 are new Students.

The entries in the School, in Michaelmas Term, were 399, of whom 79 were new pupils; in the present Term, 415, 48 being new pupils; adding the 90 Boys in the Branch School at Hampstead, this makes 505 in all.

The College Fees received to February 1st are £2571 19*s.* 6*d.* in the Faculty of Medicine, and £9989 14*s.* 0*d.* in the Faculties of Arts and Laws and of Science. This shows an increase of £385 7*s.* 0*d.* as compared with the same date of last Session.

II. GENERAL FINANCES.

Financial Year 1901–1902.

The excess of expenditure over receipts for the financial year ending August 31st, 1902, was £988 3*s.* 5*d.*, of which £929 13*s.* 3*d.* was due to interest on the loan from the Bankers.

The loan from the Bankers amounted on August 31st to £30,000 as compared with £29,000 at the corresponding date 1901, and there was a further loan of £1000 from the College Equipment and Endowment Fund Committee; of these loans £21,291 14*s.* 8*d.* was borrowed to pay for extensions of the permanent buildings of the College, and the remainder is due in part to permanent improvements such as the installation of electric light and in part to the excess of ordinary expenditure over income, and includes £7149 16*s.* 10*d.* paid to the Bankers for interest from August 1891.

Annual Subscriptions.

In response to the Appeal for Annual Subscriptions issued February 1901, the Council received Subscriptions (for list see pp. 45 & 46) amounting to £726 12*s.* 0*d.*, of which £269 11*s.* 6*d.* was for special departments and £457 0*s.* 6*d.* was for general purposes.

Donations and Grants.

Donations amounting to £55 were received.

The Crabb-Robinson Trustees renewed their grant of £50 for the rent of the Athletic Ground, and made other grants in aid of Students' Societies amounting to £217 2*s.* 0*d.*

The College has again shared, to the extent of £3000, in the annual grant made by Parliament to University Colleges.

The Technical Education Board of the London County Council renewed their grant of £1500 for the Technical departments of the College.

Income and Expenditure.

The income as compared with the previous year, including subscriptions and donations, has increased under certain heads to the amount of £1195 8*s.* 2*d.*, and decreased under others to the amount of £1113 6*s.* 6*d.*, making a net increase of £82 1*s.* 8*d.*

Expenditure has increased under certain heads to the amount of £2013 12*s.* 0*d.*, and decreased under others to the amount of £1984 13*s.* 10*d.*, making a net increase of £28 18*s.* 2*d.*

An increase in the rateable value of the College at the quinquennial revision, which took effect in April 1901, has caused an additional expenditure of over £300 for the year.

The Current Financial Year.

The budget for the year has been framed with every economy consistent with efficiency.

Sanitary Reconstruction.

On the advice of Professor Corfield the Council adopted a scheme for the reconstruction of the sanitary arangements of the central buildings. The larger part of the scheme was carried out in the long vacation last year at a cost of £900; this will be a charge on the ordinary expenditure of the year.

Chemistry Department.

The re-organisation of the Chemistry Department and the institution of the new Chair of Organic Chemistry (see p. 23) involved an expenditure of nearly £1300. The Council hope to repay it from the funds of the Department and from special subscriptions in the course of three years.

London Technical Education Board Grant.

The Technical Education Board of the London County Council, while renewing their grant of £1500, have cancelled the old conditions under which nearly the whole was expended in the maintenance of certain Technical Departments, and have imposed a new condition requiring the College to place at their disposal 50 free places. The Grant thus becomes a payment of fees. This unexpected change is likely to embarrass the finances of the re-organised Department of Chemistry. It has also made it difficult to continue the evening courses for qualified engineers and chemists.

On these special grounds, as well as on the ground that the College still has to bear the heavy annual charge on account of the loans from the Bankers, the Council hope that the list of subscriptions for general purposes may this year be increased.

III. SCHOLARSHIPS AND OTHER DISTINCTIONS AWARDED IN THE COLLEGE *.

A. *FACULTIES OF ARTS AND LAWS AND OF SCIENCE.*

Slade Fine Art Scholarships (£35 per annum for two years):—Anna Airy, C. Hamilton.

Melvill Nettleship Prize for Figure Composition:—Violet M. Anderson.

Andrews Entrance Scholarships (£30):—

Science. { A. D. Cowper. F. Sproxton.

Andrews Scholarships for Students of one year's standing (£30):—
Classics, £15 each, *eq.*, Florence Ames, Frances M. Brough.
Modern Languages, Delia M. Pope.
Science, T. S. Higgins, A. O. Rankine.

Jews' Commemoration Scholarship (£15 per annum for two years):—W. A. Erlebach.

Joseph Hume Scholarship in Political Economy (£20):—C. A. Ginever.

Ricardo Scholarship in Political Economy (£20):—C. A. Ginever.

Quain Law Professor's Prize for an Essay on "The Differences in the Forms of Legislation Here and in Other Countries" has been awarded to J. E. G. de Montmorency. (The Essay was one of great merit.)

Clothworkers' Exhibitions (£30):—
Chemistry, D. B. Byles.
Physics, H. W. Monroe.

* Names printed in *italics* are those of former pupils of University College School.

Mayer de Rothschild Scholarship in Mathematics (£60):—H. W. Chapman.

Ellen Watson Memorial Scholarship (£15):—H. W. Chapman.

Tuffnell Scholarship, Chemistry (£80 per annum for two years):—A. O. Jones.

Hollier Scholarships (£60 each):—
Hebrew, Joseph Hochman.
Greek, Mary S. Lilley.

West Scholarship, English (£30):—G. Gould.

Case Exhibition (£20):—*W. B. Tuck.*

Heimann Medal, German:—W. W. Seton.

Morley Medal, English:—W. W. Seton.

Malden Medal and Scholarship of £20:—Mary S. Lilley.

Comparative Philology Prize:—Mr. A. P. Savundranâyagam for his dissertation "On the Alternation of the Primary and Historical Tenses in indirectly reported Speech in the Roman Historians Cæsar and Livy."

Donaldson Medals, Architecture:—H. W. Chapman, C. W. Kilner.

Quain Studentship:—English (£150 per annum), R. W. Chambers, M.A.; Biology (£100 per annum), Edith Chick, B.Sc.

1851 Exhibition Science Scholarship (£150):—E. P. Harrison.

Derby Zoological Scholarship (£120):—H. M. Woodcock, B.Sc

Chadwick Scholarship in Municipal Engineering (£100):—H. E. Parker.

Research Medal:—*Henry Bassett.*

Trevelyan Goodall Art Scholarship (£20 per annum for 3 years):—*Stuart Boyd.*

B. *FACULTY OF MEDICINE.*

Atkinson Morley Scholarship (£45 per annum for three years):—*C. S. Parker.*

Atchison Scholarship (£55 per annum for two years):—C. F. Hardie.

Fellowes Gold Medals:—C. F. Hardie, G. S. Hett.

Erichsen Prize:—D. M. Hughes.

Filliter Exhibition (£15 each, *equal*):—W. F. Annand, J. A. Ferrière.

Tuke Medals:—W. F. Annand, W. Appleyard, *N. S. Finzi.*

Sharpey Physiological Scholarship:—W. A. Osborne, M.B., D.Sc.

MEDICAL ENTRANCE EXHIBITIONS AND SCHOLARSHIPS :—

BUCKNILL SCHOLARSHIP £30 a year for 4 years and £63 Scholarship divided equally	T. S. Higgins. A. H. Rich.
£63	R. C. T. Evans.
£84	*E. Mapother.*
£84 divided equally ..	L. Dukes. T. Lewis.

IV. DEGREES AND EXAMINATIONS FOR DEGREES. UNIVERSITY OF LONDON.

January 1*st to December* 31*st*, 1902.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours or First Division.
Matriculation	36*	25
Inter. Arts (*Pass & Hon.*)	8	3
Inter. Sci. (*Pass & Hon.*)	15	13
Prelim. Sci. (M.B.) (*Entire*) (*Pass & Hon.*)	8	
Inter. Law.....	2	1
Inter. Med.	25	9
B.A.	14	9
B.Sc.	13	8
M.B.	9	3
B.S.	6	
M.S.	1	
M.A.	2	
M.D.	5	
State Medicine	1	
D.Sc.	4	

* 21 of these were from the School.

V. HONOURS.

UNIVERSITY OF LONDON.

January 1st to December 31st, 1902.

Examination.	Subject.	Name of successful Candidate from University College.	Class.
Inter. Arts...	English	Cavenagh, F. A.	II
	French	Pope, Delia M.....	II
Inter. Sci. ...	Chemistry	Sorrell, H. T.	III
	Exper. Physics.	*Kann, J. H. C.*	II
	Botany	Morris, Ethel H.	I (*Exhibition*).
		Smith, Winifred	III
Inter. Med. .	Anatomy	*Mapother, Edward*	II
		Mant, Harold T.	II
		Wenyon, C. M., B.Sc. ...	II
	Physiology ...	Perodeau, Edward G....	I (*Exhibition & Medal*).
		Wenyon, C. M., B.Sc. ...	I
		Chitty, Hubert	II
		Dyson, Harold E.	II
Inter. Laws .	Jurisprudence & Roman Law.	Gold, James H.	II
B.A.	Classics	*Brock, F. H. C.*	II
	English	Brough, Frances Minnie.	I
		Brock, F. H. C.	II
		Seton, W. W.	III
	French	Byrne, Francis D.	II
	German.....	Byrne, Francis D.	II
B.A. & B.Sc. conjointly.	Mathematics...	Chapman, Hugh W. ...	I (obtained the number of marks qualifying for the University Scholarship).
B.Sc.	Exper. Physics.	Tressler, Karl T. B.....	II
		Chapman, Hugh W. ...	III
	Chemistry.....	*Hatfield, H. S.*	III
		Tempany, H. A.	III
	Botany	Stopes, Marie C. C.	I (obtained the number of marks qualifying for the University Scholarship).
		Haydon, Lily C.	II
		Sawday, Edith M.	III

HONOURS (*continued*).

Examination.	Subject.	Name of successful Candidate from University College.	Class.
B.Sc. (*cont.*)	Zoology	Sawday, Edith M.	III
	Physiology ...	Merlin, F. W. J., M.A....	II
	Geology & Physical Geography.	Stopes, Marie C. C.	III
	Psychology ...	Merlin, F. W. J., M.A....	III
	Logic and Methodology.	Merlin, F. W. J., M.A....	I
M.B.	Medicine	*Parker, C. S.*.....	I (obtained the number of marks qualifying for the Gold Medal).
		De Zilwa, L. A. E., B.Sc.	II
		Horn, A. F.	III
	Obstetric Medicine.	De Zilwa, L. A. E., B.Sc.	I (*Gold Medal*).
		Parker, C. S.	I
M.S.	.....	Carter, Felix Bolton, M.D.	
M.A.	Branch I. ..... (Classics.)	Humfrey, Louisa Phyllis	
	Branch III. ... (English.)	Chambers, R. W.....	(*Specially distinguished*).
M.D.	.....	Addey, W. F., B.S.	
		Davies, David L., B.S....	
		Liversidge, Wm.	
		Stratton, James E.	
		Stuart, Hackworth	
State Medicine.	.....	Stevenson, T. H. C., B.S.	
D.Sc.	Mixed Mathematics.	Filon, Louis N. G., M.A.	(*Granville Scholarship*).
	Chemistry.....	Desch, Cecil H.	
	Botany	Weiss, F. Ernest	
	Physiology.	Buchanan, Florence.....	

VI. DEATHS OF MEMBERS OF THE COLLEGE.

Sir Frederick Abel, Bart.
Mr. William Bradshaw.
Sir J. T. Chance, Bart.
Sir Daniel Cooper.
Miss R. Davenport-Hill.
Dr. J. H. Gladstone.
Mrs. Graves.
Mrs. Francis Ll. Griffith.
Rev. J. Panton Ham.
Rt. Hon. Lord Kimberley.
Dr. H. Newell Martin.
Mrs. Nathaniel Montefiore.
Mr. Wm. Rathbone.
Mr. J. H. Trouncer.
Mr. John J. Tweed.
Mr. George Woolcott.

The President of the College forwarded on behalf of the Council the following Resolution, passed by the Council on May 5th, 1902, to the family of the late Lord Kimberley :—

> "That the Council of University College, London, desire to express the deep regret with which they have heard of the death of their former President, Lord Kimberley. They recall with gratitude the great services rendered to the College by the readiness with which he brought to the discussion of its business a judgment trained by experience of great affairs; and they feel that in him not only does the nation lose a statesman of conspicuous wisdom, but that the cause of Education in particular loses one of its most faithful and enlightened supporters."

VII. NEW GOVERNORS.

Mr. Paul Crompton has been admitted a Governor of the College on the nomination and in the place of Mr. Henry Crompton.

Mr. E. Reginal Tweed has been admitted a Governor of the College on the nomination of the late Mr. J. J. Tweed.

VIII. RECORD OF THE YEAR, FEBRUARY 1902—FEBRUARY 1903.

HONOURS AND APPOINTMENTS.

The Council have great satisfaction in recording the following Honours conferred upon Members, Professors, and former Students of the College :—

The Rt. Hon. Sir Ughtred Kay-Shuttleworth, Bart., to be a Peer. Lord Lister, F.R.S., and Mr. R. B. Haldane, K.C., M.P., to be Privy Councillors. Professor Victor Horsley, Dr. J. W. Collins, Mr. R. Littler, Principal Oliver Lodge, Principal Arthur Rücker, to be Knights. Professor William Ramsay, George Christopher Trout Bartley, to be K.C.B.'s, and Dr. Benjamin Whitelegge to be C.B. Lord Lister and the Rt. Hon. John Morley to be members of the new Order of Merit. Mr. Augustus Prevost to be a Baronet. Mr. William H. Power to be C.B., and Sir John Williams to be K.C.V.O.

CHANGES IN COUNCIL.

The Council regret to state that Mr. W. Ashburner, Mr. J. W. Swan, and Sir John Williams, who have rendered much valuable service to the College, have each made known that they will no longer be able to serve on the Council.

PROFESSORIAL AND OTHER APPOINTMENTS.

Faculty of Arts and Laws.

Prof. Fredk. Brown has been re-appointed Slade Professor of Fine Art for a further period of three years.

Prof. E. A. Gardner has been re-appointed Yates Professor of Archæology for a further period of five years.

The appointment of Prof. Whittaker to the Chair of Constitutional Law and History has been extended for another year.

Prof. Macdonell has been re-appointed to the Quain Chair of Comparative Law for a further period of one year.

Prof. Schechter resigned the Goldsmid Chair of Hebrew on his appointment to be President of the Jewish Theological Seminary at New York. Dr. Hermann Gollancz has been appointed to succeed him.

New Chairs of Romance and Germanic Philology have been established, and the present Professors of French and German have been respectively appointed thereto.

A new Chair of Economic Geography has been instituted, and Mr. Lionel W. Lyde, M.A., has been appointed thereto.

Mr. R. A. Nicholson resigned the Chair of Persian on his appointment to a Lectureship at Cambridge. Mr. C. E. Wilson has been appointed to succeed him.

Mr. R. W. Chambers, M.A., has been re-appointed Quain Student of English for a further period of two years.

Mr. G. Udny Yule has been appointed to the Newmarch Lectureship on Statistics for the current year.

Mr. A. C. Pigou has been appointed Jevons Memorial Lecturer in Political Economy for two years.

Mr. C. P. Sanger, M.A., has been appointed Assistant to the Professor of Political Economy.

Mr. W. G. Hartog has been appointed Assistant to the Professor of French.

Mr. Arthur J. Evans, LL.D., F.R.S., has been appointed Yates Lecturer in Archæology for the current Session.

Mr. Harold Whyte has been appointed Assistant for Ancient History to Prof. Montague.

Prof. T. Roger Smith has resigned the Chair of Architecture after a tenure of 22 years.

Prof. James Sully has resigned the Grote Chair of Philosophy of Mind and Logic which he has held since 1892.

Both these resignations take effect at the end of the current Session.

Faculty of Science.

A new Chair of Organic Chemistry has been instituted (see p. 23), and Prof. J. Norman Collie, F.R.S., appointed thereto.

Dr. Samuel Smiles has been appointed Prof. Collie's Assistant.

Dr. L. N. G. Filon has been appointed to a Research Scholarship under the Mayer de Rothschild bequest, which carries with it the post of Assistant to the Professor of Pure Mathematics.

Dr. Filon has also been appointed to assist in the Degree Classes in the Department of Applied Mathematics.

Miss Edith Chick has been re-appointed Quain Student of Botany for a further period of two years.

FACULTY OF MEDICINE:

Dr. Blacker has been appointed Teacher of Practical Midwifery.

Mr. D. J. Armour has been appointed Demonstrator in Anatomy.

In consequence of the reorganisation of the Department of Chemistry, a new post of Teacher of Chemistry to Medical Students has been created, and Mr. E. C. C. Baly appointed thereto.

SCHOOL:

Mr. F. F. Bush has been appointed to succeed Mr. F. G. Stephens, Head Drawing Master. On the occasion of this appointment the Council passed the following resolution:—

> "That the Council desire to record their appreciation of the services which Mr. F. G. Stephens has rendered to the School as a Drawing Master for nearly 40 years."

REPRESENTATIVES.

The College was represented at the Jubilee of Owens College by the Principal, who presented, on behalf of the Council, an Address of Congratulation.

The College was represented at the Jubilee of the Sydney University by Dr. Angel Money, a former student and teacher at the College, who presented an address on behalf of the Council.

Dr. H. Frank Heath has been re-appointed to represent the Council on the Governing Body of the Sutton County School.

Mr. Walter Baily has been re-appointed to represent the Council on the Governing Body of the Central Foundation School.

Prof. Sir William Ramsay represented the College at the fifth International Congress of Applied Chemistry held at Berlin.

Dr. H. R. Crocker has been appointed to represent the College at the 18th International Congress of Medicine to be held at Madrid.

Prof. J. D. Cormack has been appointed to represent the Council on the Joint Scholarships Board.

Mr. James Easterbrook has been re-appointed to represent the Council on the Governing Body of the Hampton Endowed School.

THE COLLEGE AND THE UNIVERSITY OF LONDON.

Regulations for Internal Students.

The organisation of the Internal side of the University of London has made considerable progress during the past year: various members of the College Council and Staff have taken an active part, whether on the Senate or the Academic Council or on the various Faculties and Boards of Studies. Complete courses of instruction for Internal Students in the Faculties of Arts, Science, Engineering, and Economics, have been approved.

The College is already experiencing as the result of the organisation

of the Internal side the advantage of greater freedom of teaching, and the no less important advantage of a fuller control over the daily work of its students.

The Dean of the Faculty of Arts in his Annual Report pointed out "That the pursuing of approved Courses of Study is an indispensable part of the qualification of all Internal Students, and that attendance at such courses to the satisfaction of the Governing Body and the Teachers in a School of the University must be certified before the student is admissible to a degree. This regulation places regular attendance on Courses of Study on the same footing as the examinations that follow such courses, and gives them an academic sanction which will ensure a due recognition of their importance by both teachers and students."

Post-graduate and Research Students.

The Dean calls attention in his report to the importance of Section 113 in the University Statutes under which Students who have obtained a degree or passed the equivalent examination in another University may be admitted as Internal Students to proceed directly to higher degrees in the University of London.

The Dean adds:—"This regulation is likely to prove of the greatest importance to University College, where the post-graduate work, already carried on in many branches of study, will probably receive a stimulus from the prospect held out to graduates, or holders of certificates equivalent to graduation in other Universities, of obtaining a higher London Degree. The post-graduate and research students already working at University College are numerous and efficient, and many of them have made valuable contributions to the advance of knowledge in various departments. They come from other Universities not only in the United Kingdom and in the Colonies, but also in America and on the Continent of Europe. There is little doubt that their numbers and the quality of their work may be still further improved if they are provided both with better facilities for study and with an academic recognition of their work."

In accordance with this regulation 23 students of the College have already been admitted to qualify for various higher degrees in the University.

Inter-Collegiate Lectures.

The Scheme of Inter-Collegiate Lectures instituted three years ago between University and Bedford Colleges has been used as the basis for the organisation of the Department of German (see p. 23). It is expected that a considerable development of the Inter-Collegiate system for Honours work will take place shortly, as the matter has been referred to various Boards of Studies by the University Faculty of Arts.

There are, however, a large number of important points in the organisation of the University of London still unsettled. Among them are such matters of importance as the method of examining Internal Students and the relation of the Internal side of the University to the External. The Council through their representatives will use every endeavour to see that the principles for which they contended in the creation of a Teaching University are not sacrificed.

The Incorporation of the College in the University.

At the Special General Meeting of the Members of the College on Feb. 2nd, the Council reported at length on the question of the Incorporation of the College in the University, and as a result of that report the following resolution was adopted:—

"That the action of the Council in regard to the Incorporation of the College in the University of London be approved, and that the Council be authorised to take such further steps as may be deemed expedient for giving full effect to the Incorporation."

As stated in the Memorandum submitted to the General Meeting, the Council are convinced that not only is the Incorporation of the College for the good of higher education in London, but that by it the intention of the founders and benefactors of the College will be best carried out. The Incorporation cannot, however, be completed until the necessary funds are collected. The Council therefore appeal to the Members to use their best efforts to raise the remainder of the funds necessary for Incorporation.

APPEAL FOR FUNDS.

The Appeal for Funds which was referred to in the last Annual Report was started by the Special Committee appointed therefor at a meeting at the Mansion House on May 9th, 1902. The Appeal Committee are still proceeding with their work. They have issued a first Report of the results of their proceedings, which is enclosed for the information of Members. It will be seen that £108,000 are still required to complete the Incorporation Scheme.

THE REPORT OF THE TREASURY COMMISSIONERS.

Since the last Annual Meeting the Report to the Treasury on the results of the second inspection of University Colleges in Great Britain receiving from Parliament a grant in aid has been published. The Inspectors were the Rev. Dr. H. G. Woods, formerly President of Trinity College, Oxford, Dr. Alexander Hill, Master of Downing College, Cambridge, and Mr. Henry Higgs, of the Treasury.

The enquiry was similar in scope to that made in 1896 by Mr. T. H. Warren, President of Magdalen College, Oxford, Professor G. D. Liveing, of Cambridge, and Mr. Chalmers, of the Treasury. The chief points on which Dr. Woods and Dr. Hill were instructed to report were :—

'1. The quality, character, and results of the work done at each College, which from its advanced nature can properly be called "University work." . . . . .

2. The adequacy of the educational equipment of the several Colleges for such work, including the number and emoluments of the professorial and teaching staff, and the extent and suitability of the buildings and laboratories.

3. The rates and incidence of the fees paid by students, ...

4. How far the different Colleges agree in their definition of "subjects of University rank;" what is the duration of the course of instruction and the standard aimed at . . . . . .

5. Any recommendations for the amendment of the existing system, either general or in detail, which may suggest themselves as the result of the enquiry.'

Mr. Higgs was to report on the following points :—

'1. The income of each College from all sources. . . . . .
2. The amount by which the income in each case falls short of the necessary expenditure.
3. The manner in which it is expended.
4. The proportion of income to the average number of students.'

In connection with the financial position of the Colleges, special regard was to be paid to the possibility of making the annual grant in some measure dependent on the funds provided from local sources.

The remarks of the Inspectors in reference to this College will probably have sufficient interest for Members of the College to justify a comparatively long quotation. They begin with some important observations on the general conditions of the College and its work:—

"In many respects University College, London, occupies a unique position among the Colleges which we were commissioned to visit. Its central situation, dignified façade, and history of 76 years, give it a prestige which enables it to attract eminent teachers to its service, and to carry on a most important educational work with resources which would be wholly inadequate in the case of an institution with less brilliant traditions. The roll of the Professoriate since 1828 is conspicuous for the distinguished scholars and teachers who have been connected with the College, and our observations lead us to believe that the members of the present staff are worthy of their predecessors. Thanks to their efforts in the lecture room, and to the lively interest which they take, as well in the private life as in the studies of their pupils, the efficiency of the College as a place of higher education is unimpaired. When, therefore, we call attention in our Report to the fact that in some departments the laboratory accommodation, in others the assistance given to the Professor in the teaching of special branches of his subject, and in almost all the stipends of the Professors are below the standard of the times, we wish it to be understood that our criticisms do not imply that we found evidence of any diminution of the effectiveness of the College as a whole. We cannot but recognise, however, that the future of the College is precarious, and that it must, unless it obtains additional funds, suffer in competition with institutions which are more modern in laboratory accommodation and equipment, and more highly endowed. At the present time, University College, London, is making the most of the attractions which a metropolitan situation and a distinguished history offer to its staff. Its teachers accept these advantages in lieu of salary. They carry on their work in lecture rooms and laboratories which are out of date and ill-equipped, and they make up by their zeal, and in many cases by their own considerable financial sacrifices for the shortness of the corporate income. We have no doubt but that the traditions of the College will always secure for it the assistance of competent teachers; but, at the same time, we fear that unless means are found for providing the heads of departments with additional assistance, improving their laboratory equipment and the teaching value of the museums, increasing the accessibility of the library, and other much needed reforms, the staff will find it very difficult to enable the College to

hold its own. Among the departments which need better accommodation the following may be mentioned:—Botany, Chemistry, Geology, Physiology, Pharmacology, Egyptology, and General Archæology. We call special attention to the needs of these departments, because of the striking discrepancy between the work which is being done in them, and the narrowness and inconvenience of the quarters in which it is carried on. Several other departments need increased space, and all are obliged to put up with insufficient equipment. In no other of the Colleges which we have visited is there so great a contrast between the intellectual vitality of the College and what may be termed its bodily form."

These remarks derive special authority from being made with a full sense of official responsibility by men who, in addition to a knowledge of the conditions necessary for effectual University work derived from an intimate experience of Oxford and Cambridge, have made it their business to acquaint themselves minutely with what is being done in the numerous Colleges in various parts of the country with which this College has now to compete. They afford ample evidence that the appeal for increased funds which was made public last spring was neither premature nor exaggerated.

The Inspectors call attention to the need of both improved material equipment and increased remuneration of the Professors and teachers of the College. Though both these requirements are urgent, the second is even more urgent than the first: a thorough teacher will do some good work almost without appliances of any kind, but the best libraries and laboratories are of no avail without the men to use them. It appears from the Report that, considering only the fourteen more important Chairs,—namely, Greek, Latin, English, French, German, History, Mathematics, Physics, Chemistry, Botany, Zoology, Geology, Physiology, and Engineering,—"the average stipend of a Professor at the twelve Colleges which at present receive Grants varies from £781 per annum at Owens College to £255 at Bedford College, London, the Colleges standing in respect of the value of these Chairs in the following order:—Manchester, Liverpool, Leeds, Birmingham, Nottingham, Newcastle, Sheffield, University College (London), Dundee, King's College (London), Bristol College, Bedford College (London)." It will be seen that this College stands last but four on the list of twelve Colleges. In reference to the resources of this College as compared with those of some of the provincial Colleges, the Inspectors say: "The support afforded to the principal place of higher education in London contrasts remarkably with that given by the inhabitants of Manchester, Liverpool, and Birmingham to the University Colleges and University of those towns."

The opinions expressed by the Inspectors as to the standard of the work being done by the College are, on the whole, extremely satisfactory. They remark on the small number of students in History, Political Economy and Law, and observe that "the arrangements for the teaching of History, in particular, seem to suffer from the fact that the Chair is unendowed." The Council are glad to be able to say that in this respect the conditions have been improved since the date of the Report by the operation of the Astor endowment.

The Inspectors refer more than once to the amount of independent work and research carried on in the College as evidence of the

advanced stage to which the studies in many subjects are carried. There can be no doubt that the output of this higher work must in the long run determine the academic rank and intellectual status of the College, and it is probable, now that such ample provision is made by Polytechnics and similar institutions for the teaching of many subjects up to the lower stages of University work, that the public usefulness of the College will be increased by its concentrating its efforts more and more in this direction. No other institution in London is equally qualified by the wide range of its work and the distinction of its Professorial Staff to take the lead in providing advanced education; but it must not be overlooked that in proportion as the College developes the higher side of its work its need for external support will become greater and greater. The requirements of advanced study are costly, and the possible returns from students' fees are very small.

BENEFACTIONS.

Mr. W. W. Astor.

The Appeal Committee have transferred to the Council the sum of £20,000 contributed by Mr Astor for the endowment of existing unendowed Professorships. On receiving this benefaction the Council resolved :—

> 'That the Council desire to express their warm thanks to Mr. Astor for his generous donation of £20,000 for the endowment of existing unendowed professorships, and to intimate to him their intention to name the Chairs endowed by his gift the "Astor Chairs."'

The Astor Chairs.

After consultation with Mr. Astor, and in accordance with his wish the Council resolved to endow the Chairs of Pure Mathematics and of History from his benefaction.

As a result of these endowments the work of both these Departments has been strengthened and extended.

Campbell Clarke Scholarship.

Lady Campbell Clarke has invested in the name of the College the sum of £1,500 for the purpose of founding a Scholarship in the English Language and Literature in memory of the late Sir Campbell Clarke, a distinguished former student of the College.

The Tapson Bequest.

By the death of Mrs. Tapson the bequest of Mr. Robert Tapson, a former master of the School, becomes available. The exact amount of the bequest is not yet known. By the terms of the Will it must be devoted to increasing the Retired Masters' Fund and to founding Scholarships in the School.

Hawkes and Tucker Memorial Fund.

Old boys of the School have commemorated the work of Mr. G. J. Hawkes, Senior Classical Master, and of Mr. Robert Tucker, by subscribing £146 9*s*. for the foundation of Prizes to be known as The Hawkes Prize and The Tucker Prize respectively.

Carpenter Prize.

Mr. R. S. Carpenter has established a prize in the School for History in memory of his son the late Lieutenant R. A. Carpenter, formerly a scholar of the School, who died in service in India.

League Prizes.

Prizes for Essays have also been given by the Victorian and Navy Leagues.

Gifts to the Engineering Department.

The Council have received for the Engineering Departments valuable gifts of machinery and instruments from the following firms : Messrs. Willans & Robinson, Messrs. Seebohm & Dieckstahl, Messrs. Boyle, Ltd., The Farnley Iron Co., Mr. J. Phillips, and the United Asbestos Co.

The Council is indebted to Mr. T. H. Riches for the gift of a valuable Research Microscope to the Zoological Department: also to Lord Avebury, Sir David Salomons, and Mr. W. R. Macdonell for contributions towards the purchase of a type-writing calculator supplied on favourable terms by the Borroughs Machine Co. through Sir Blundell Maple. Research Apparatus.

Mrs. Macdonell kindly gave a large Camera and fittings for use in the Applied Mathematics Department.

The lists of Annual Subscribers and Donors are given on pp. 45 & 46.

DEPARTMENT OF CHEMISTRY.

In consequence of the offer of the Senate of the University to utilise a part of the Grant received by them from the Technical Education Board for the re-organisation and development of the Department of Chemistry in this College, the Council and the Senate of the University agreed upon a scheme for this purpose.

In accordance with this scheme Prof. Sir William Ramsay has been appointed Professor of Inorganic and Physical Chemistry. Prof. J. Norman Collie has been appointed to a new Chair of Organic Chemistry. Dr. F. G. Donnan and Dr. Samuel Smiles have been appointed Assistants to Professors Ramsay and Collie respectively. Inorganic and Physical Chemistry.

In order to make space for the enlarged Department of Chemistry, the rooms hitherto occupied by the Department of Pathological Chemistry under Professor Harley have been refitted for the new Department of Organic Chemistry. Pathological Chemistry. Organic Chemistry.

The building facing Gower Street hitherto used as a Carpenter's shop has been refitted for the Department of Pathological Chemistry, and a new Carpenter's shop has been built in the School Playground. Notwithstanding these arrangements the accommodation for the Department of Chemistry is still insufficient, and the Council are desirous of proceeding with the building of the North-West block for the housing of that Department at as early a date as possible. Need for new accommodation.

DEPARTMENT OF GERMAN.

The Senate of the University has utilised a part of the Grant from the Technical Education Board for the organisation of German teaching in the various University institutions in London. They have appointed Professor Priebsch as the first University Professor of German. He is to be assisted in his work by a second Professor and a staff of Readers. Professor Priebsch is now at work on the organisation of his Department, and already the first results are to be seen in the greater variety of the courses offered, as well as in the development of the higher work.

TEACHING OF ECONOMICS.

Owing to the enterprise of a Committee of former students organised and arranged by Miss Collet, M.A., and to the sympathy and help of Professor Foxwell, considerable developments have been made in the teaching of Economics and allied subjects during the current Session. Besides a series of courses by Prof. Foxwell there are courses by Mr. Sanger on the Theory of Value and the Distribution of Wealth, and on Public Finance; courses by Mr. Yule on Statistics, and by Mr. Pigou on Competition and Combination. The development

of the Department of Comparative Law, under Prof. Macdonell, has strengthened the teaching of Economics considerably. In order to make the teaching more complete, a new Chair of Economic Geography has been founded, to which Mr. L. W. Lyde has been appointed. Mr. A. Kahn has been invited to give a course on Commercial Methods as a preliminary to the institution of regular courses in that subject.

In view of the benefaction of £1000 that has been received by the Appeal Committee from the Rev. S. A. Thompson Yates towards the permanent endowment of Economic teaching, and of the efforts of the Committee of old students, the Council hope that this Department will be further strengthened next year, and that the honourable record established by Professor Foxwell's predecessors in the Chair, J. Waley, M.A. (1853-1865), J. E. Cairnes, M.A. (1866–1871), The Rt. Hon. L. H. Courtney, M.A. (1872–1874), and W. Stanley Jevons (1875–1880), may be maintained.

THE TRAINING OF TEACHERS.

The Technical Education Board, acting in conjunction with the Senate of the University and with the Councils of University, King's, and Bedford Colleges, have founded a Training College for Primary and Secondary Teachers. Under the scheme of Foundation the students of the Training College must be matriculated at the University. They will carry on their undergraduate work at one or other of the Colleges.

42 Training College students have been received at the College this year, and are pursuing undergraduate courses in the Faculties of Arts and Science, for the most part very satisfactorily.

THE WORK OF THE COLLEGE

The Deans' Reports on the detailed working of the College are printed in the Calendar. The Council attach the greatest importance to the original work done by the Teaching Staff and Students of the College, and therefore reprint the following lists for the information of Members :—

I. List of Original Papers and other Publications during the Year 1901–1902.

FACULTY OF ARTS AND LAWS.

Department of Latin.

Professor A. E. Housman.

(1) Elucidations of Latin Poets. (*Classical Review*, xv. pp. 404–6.)
(2) Emendations in the Aratea of Cicero and Avienus. (*Ibid.* xvi. pp. 102–7.)
(3) Virgil and Calpurnius. (*Ibid.* pp. 281–2.)

Department of Archæology.

Professor Ernest A. Gardner.

(1) The Greek House. (*Journal of Hellenic Studies*, 1901.)
(2) Articles on Greek Sites in *Encyclopædia Britannica*, Supplement.

F. W. G. Foat.

(3) On old Greek Tachygraphy. (*Journal of Hellenic Studies*, 1901, ii.)
(4) Sematography of Greek Papyri. (*Journal of Hellenic Studies*, 1902, i.)
(5) Weist der Papyrus über den "Staat der Athene" tachygraphische Abkürzungen auf? (*Archiv für Stenographie*, 1902, iv.)

J. ff. Baker Penoyre.

(6) Some early Island Vases recently acquired by the British School at Athens. (*Journal of Hellenic Studies*, 1902, i.)

Anonymous.

(7) Section on Greece in Macmillan's *Guides*—Eastern Mediterranean.

Department of Egyptology.

Professor W. M. F. Petrie.

Abydos, Part I., 1902. 60 pp.; 81 plates.

Department of Comparative Philology.

Professor J. P. Postgate.

July 1900–1901.

(1) Emendations of Valerius Flaccus. (*Journal of Philology*, vol. xxviii. pp. 253–266.)
(2) Tibulliana. (*Classical Review*, vol. xiv. pp. 295 *seq.*)
(3) Lucretiana. (*Ibid.* pp. 352 *seq.*)
(4) On Propertius II. 28. 11. (*Ibid.* pp. 449 *seq.*)
(5) On Plato Phaedrus 274 D. (*Ibid.* vol. xv. p. 27.)
(6) Vindiciae Propertianae I. (*Ibid.* pp. 40–44.)
(7) Some suggestions on Calpurnius Siculus. (*Ibid.* pp. 213 *seq.*)
(8) Notes on some Moot questions of the Latin Alphabet. (*Ibid.* pp. 217–220.)
(9) Preface to the English Translation of Bréal's *Sémantique*, pp. vii–lix.

July 1901–1902.

(1) Tibulliana. (*Journal of Philology*, vol. xxviii. pp. 152–159.)
(2) On the First Book of Horace's Satires. (*Classical Review*, vol. xv. pp. 302–309.)
(3) Note on Phaedrus IV. vii. 17 *sqq.* (*Ibid.* p. 362.)
(4) Vindiciae Propertianae II. (*Ibid.* pp. 406–413.)
(5) The 'Deliberative' Indicative. (*Ibid.* p. 451.)
(6) An early corruption in Virgil. (*Ibid.* vol. xvi. p. 36.)

(7) The Comet of Calpurnius Siculus. (*Ibid.* p. 38.)
(8) 'To Eat' and 'To Drink' in Latin. (*Ibid.* pp. 110–115).
(9) Note on Dionysii de Thucydidis Idiomatis Epistula. (*Ibid.* p. 120.)
(10) Ad Silium Italicum. (*Album Gratulatorium in honorem H. v. Herwerden*, pp. 177–185.)

Department of French.

Professor Brandin.

(1) Reviews in *Le Moyen-Age* and in *Romania.*
(2) Thèse diplômée de l'Ecole des Hautes Etudes, entitled "Les Gloses françaises de Gerschom de Metz." A. Durlacher, Rue Lafayette, 1902.

Department of Persian.

Professor R. Alleyne Nicholson.

The Risálatu 'l-Ghufrán, Part II. Arabic Text and Translation. (*Journal of the Royal Asiatic Society*, 1902.)

Department of Philosophy of Mind and Logic.

W. McDougall.

(1) Some New Observations in support of Thomas Young's Theory of Light and Colour-Vision (*Mind*, Pt. iii., July No. 1901.)
(2) On the Seat of the Psycho-physical Processes. (*Brain*, Winter No., 1901.)
(3) The Relations between Men and Animals in Sarawak. (*Journal of Anthropological Institute*, vol. xxxi. 1901.)
(4) The Physiological Factors of the Attention-Process. (*Mind*, Pt. i., July No. 1902.)

Professor James Sully, M.A.

(5) The Laughter of Savages. (*The International Monthly*, August 1901.)

FACULTY OF SCIENCE.

Department of Chemistry.

E. C. C. Baly and F. G. Donnan.

(1) The Variation with Temperature of the Surface Energies and Densities of Liquid Oxygen, Nitrogen, Argon and Carbon Monoxide. (*Trans. Chem. Soc.*, 1902, vol. lxxxi. p. 907.)

F. G. Donnan and Henry Bassett, jun.

(2) The Colour-Changes exhibited by the Chlorides of Cobalt and some other Metals from the Standpoint of the Theory of Electroaffinity. (*Trans. Chem. Soc.*, 1902.)

B. D. STEELE.

(3) An Apparatus for the Accurate Measurement of the Compressibilities of Vapours. (*Trans. Chem. Soc.*, 1902.)

A. FINDLAY.

(4) Vorläufige Mitteilung über eine Methode zur Berechnung von Löslichkeiten und Gleichgewichts constanten chemischer Reaktionen und über eine Formel für die latenten Verdampfungswärmen. (*Zeitschr. für Physikal. Chemie*, vol. xli. p. 28, 1902.

MORRIS W. TRAVERS and ADRIEN JAQUEROD.

(5) On the Measurement of Temperature. Part I. On the Pressure-coefficients of Hydrogen and Helium at Constant Volume and at different Initial Pressures. (*Royal Society*, June 19th, 1902.)

MORRIS W. TRAVERS, GEORGE SENTER, and ADRIEN JAQUEROD.

(6) Part II. On the Vapour-Pressures of Liquid Oxygen on the Constant-volume Hydrogen and Helium Scales. (*Royal Society*, June 19th, 1902.)

MORRIS W. TRAVERS and A JAQUEROD.

(7) Part III. On the Vapour-Pressures of Liquid Hydrogen on the Constant-volume Hydrogen and Helium Scales. Appendices. I. On the Melting Point of Hydrogen. II. On the Preparation of Pure Helium. III. On the Preparation of Pure Hydrogen. IV. On the Vapour-Pressures of Neon. V. On the probable Values of the Critical and Boiling-Points of Helium, and on an attempt to liquefy that Gas. (*Royal Society*, June 19th, 1902.)

MORRIS W. TRAVERS.

(8) On the Comparison of the Hydrogen and Helium Scales at very Low Temperatures. (*Journal of the University of Nancy*, 1902.)

(9) The Experimental Study of Gases. (Macmillan & Co.) 1901.

MORRIS W. TRAVERS and E. BURKARDT.

(10) The Action of Acetylene on the Acetates of Mercury.

MORRIS W. TRAVERS and GEORGE SENTER.

(11) On the Boiling-point of Liquid Ethylene, and on the Temperature of Solid Carbon Dioxide.

MORRIS W. TRAVERS and E. BAIN.

(12) On the Action of Phenyl-Isocyanate on certain Hydroxy-Acids and their Esters.

F. G. DONNAN.

(13) The Condensation of the Vapours of Organic Liquids in the Presence of Dust-free Air. (*Phil. Mag.*, 1901.)

H. S. SHELTON.

(14) The Molecular Condition of Borax in Solution. (*Trans. Chem. Soc.*, 1902.)

Department of Pathological Chemistry.

G. Leeb du Toit.

(1) Observations relating to the Symptoms and Effects of Oxygen Inhalation. (*Edinb. Med. Journ.*, Dec. 1900.)

Vaughan Harley and Wakelin Barratt.

(2) Experimental Production of Hepatic Cirrhosis. (*Journ. of Path. & Bact.*, Feb. 1901.)

A. G. Levy.

(3) An Attempt to estimate Fatigue of the Cerebral Cortex when caused by Electrical Excitation. (*Journ. of Phys.* vol. xxvi. pts. 3 & 4, Feb. 28, 1901.)

James Collier and Farquhar Buzzard.

(4) Descending Mesencephalic Tracts in Cat, Monkey, and Man, Monakow's Bundle, the Dorsal Longitudinal Bundle, the Ventral Longitudinal Bundle, the Ponto-spinal Tracts Lateral and Ventral; Vestibulo-spinal Tract, the Central Tegmental Tract—"Centrale Haubenbahn"; Descending Fibres of the Fillet. (*Brain*, Pt. ii. 1901.)

Douglas Singer and Francis W. Goodbody.

(5) A case of Family Periodic Paralysis, with a Critical Digest of the Literature. Together with a Report and Digest of the Literature on the Pathological Examination of the Excreta. (*Brain*, Summer No., 1901.)

Lydia Leney.

(6) Gastric Flatulency and its Relation to the Gastric Secretion. (*Practitioner*, October 1901.)

A. G. Levy.

(7) A further Research into Fatigue of the Cerebral Nervous System when caused by Electrical Stimulation. (*Journ. of Phys.* vol. xxviii. pts. 1 & 2, 1902.)

Francis W. Goodbody, Noel D. Bardswell, and J. E. Chapman.

(8) Metabolism in Phthisis. (*Medico-Chirurgical Trans.* vol. lxxxiv. 1902.)

Vaughan Harley and Francis W. Goodbody.

(9) Low Proteid Metabolism. (*Trans. Path. Soc. of London*, vol. liii. pt. ii. 1902.)

Department of Botany.

F. W. Oliver.

(1) On the Fossil Gymnosperm Seeds *Stephanospermum* and *Ætheotesta*. (*Brit. Assoc. Rep.* 1901.)

(2) On a Vascular Sporangium. (*New Phytologist*, vol. i.)
(3) On some points of apparent Resemblance in certain Fossil and Recent Gymnospermous Seeds. (*New Phytologist*, vol. i.)

A. G. TANSLEY and R. B. LULHAM.

(4) A New Type of Fern-Stele and its probable Phylogenetic Relations. (*Annals of Botany*, vol. xvi.)

A. G. TANSLEY (with F. F. BLACKMAN of Cambridge).

(5) A Revision of the Classification of the Green Algæ. (*New Phytologist*, vol. i.)
(6) A. G. TANSLEY has founded and edited *The New Phytologist* from the commencement of the year.

RUDOLF BEER.

(7) *Coemansiella alabastrina*. (*Journal of Botany*, vol. xl.)

Department of Zoology.

Professor E. A. MINCHIN.

(1) Porifera. (*Zoological Record*, 1901.)

E. T. BROWNE.

(2) A Preliminary Report on Hydromedusæ from the Falkland Islands. (*Ann. & Mag. Nat. Hist.* (7) ix. 1902.)
(3) Variation in *Aurelia aureta* (L.). (*Biometrika*, vol. i. pt. i. 1901.)

Assistant-Professor E. WARREN.

(4) Variation and Inheritance in *Aphis*. (*Biometrika*, vol. i. pt. ii. 1902.)
(5) On the Teeth of *Petromyzon* and *Myxine*. (*Quart. Journ. Microscopical Science*, 1902.)

Department of Applied Mathematics.

Professor K. PEARSON.

(1) Mathematical Contributions to the Theory of Evolution. IX. On the Principle of Homotyposis and its relation to Heredity, to the variability of the Individual, and to that of the Race. Part I. Homotyposis in the Vegetable Kingdom (with the assistance of ALICE LEE, ERNEST WARREN, AGNES FRY, CICELY D. FAWCETT, and others). (*Phil. Trans.* vol. 197, pp. 285–379.)
(2) Mathematical Contributions to the Theory of Evolution. X. Supplement to a Memoir on Skew Variation (Phil. Trans. 1895). (*Phil. Trans.* vol. 197, pp. 443–459.)
(3) On the Mathematical Theory of Errors of Judgment with special reference to the Personal Equation. (*Phil. Trans.* vol. 198, pp. 235–299.)

G. U. YULE (late Assistant-Professor).

(4) On the Theory of Consistence of Logical Class Frequencies and its Geometrical Representation. (*Phil. Trans.* vol. 197, pp. 91–133.)

Prof. K. Pearson.

(5) On the Inheritance of the Mental Characters in Man. (*R. S. Proc.* vol. lxix. p. 154.)

(6) On Planes and Lines of Closest Fit to Systems of Points. (*Phil. Mag.* 1901, pp. 559–572.)

(7) Mathematical Contributions to the Theory of Evolution. XI. On the Influence of Natural Selection upon Variation and Correlation. (*Abstract R. S. Proc.* vol. lxix. p. 330.)

(8) On the Correlation of Intellectual Ability with the size and Shape of the Head. (*R. S. Proc.* vol. lxix. p. 333.)

(9) On the Systematic Fitting of Curves to Observations and Measurements. Part I. (*Biometrika,* vol. i. pp. 266–303.)

(10) On the Fundamental Conceptions of Biology. (*Biometrika,* vol. i. pp. 320 *et seq.*)

(11) Variation of the Egg of the Sparrow (*Passer domesticus*). (*Biometrika,* vol. i. p. 256.)

(12) On the Modal Value of an Organ or Character. (*Biometrika,* vol. i. p. 260.)

(13) On the Change in Expectation of Life in Man during a period of circa 2000 years. (*Biometrika,* vol. i. p. 262.)

W. R. Macdonell.

(14) On Criminal Anthropometry and the Identification of Criminals. (*Biometrika,* vol. i. pp. 177–227.)

Miss M. Beeton and Prof. K. Pearson.

(15) Inheritance of the Duration of Life and Natural Selection in Man. (*Biometrika,* vol. i. pp. 30–89.)

Miss M. A. Lewenz and Miss M. Whitely.

(16) A Second Study of the Variation and Correlation of the Human Hand (Bones of the Skeleton). (Ready for publication.)

N. Blanchard.

(17) On Inheritance in Thoroughbred Race Horse (Maternal Grandsire and Offspring). (Ready.)

Miss Alice Lee.

(18) A Criticism of Dr. F. Ludwig's "Variationstatistische Probleme und Materialien." (*Biometrika,* vol. i. p. 316.)

Department of Experimental Physics.

Alfred W. Porter.

(1) On the Emission Function for a Body emitting a Line-Spectrum. (*Phil. Mag.*, Dec. 1901.)

E. Philip Harrison.

(2) On the Variation with Temperature of the Thermoelectromotive Force and of the Electric Resistance of Nickel, Iron, and Copper between the Temperatures of $-200°$ and $+1050°$ C. (*Phil. Mag.*, Feb. 1902.)

Professor CALLENDAR and N. EUMORPOPOULOS.

(3) On the Expansion of Platinum and Silica. (*Proc. Phys. Soc.* Mar. 1902.)

Prof. CALLENDAR and H. T. BARNES.

(4) On the Variation of the Specific Heat of Water. (*Phil. Trans.* 1901.)

(5) Articles on :—Calibration, Calorimetry, Conduction, Fusion, Radiation, Thermoelectricity, Thermodynamics, Thermometry, Vaporisation. (*Encyc. Brit.*, Supplement.)

Department of Mechanical Engineering.

Professor J. D. CORMACK.

(1) International Engineering Congress (Glasgow) 1901 : the Report and Abstracts. (Wm. Asher, Glasgow, 1902.)

E. V. CLARKE.

(2) "On Cast Iron Beams." (Miller Scholarship and James Forrest Medal, Institution of Civil Engineers, 1901.)

Department of Electrical Engineering.

Professor J. A. FLEMING.

"The Electronic Theory of Electricity." (*Popular Science Monthly*, May 1902. Also delivered as a Friday Evening Discourse at the Royal Institution, May 30th, 1902.)

Department of Civil Engineering.

Professor L. F. VERNON HARCOURT.

"Civil Engineering as applied in Construction." (Longmans, Green, & Co.) 1901.

Department of Physiology.

Professor E. H. STARLING and W. M. BAYLISS.

(1) On the so-called "Reflex Secretion of the Pancreas." (*Proc. Roy. Soc.*, 1902.)

(2) On the Mechanism of the Pancreatic Secretion. (*Journ. of Physiol.* xxviii., 1902.)

W. M. BAYLISS.

(3) On the Local Reactions of the Arterial Wall to Changes of Internal Pressure. (*Journ. of Physiol.*, xxviii. p. 220.)

(4) Further Researches on Antidromic Nerve Impulses. (*Journ. of Physiol.* xxviii. p. 276.)

F. A. BAINBRIDGE.

(5) On the Formation of Lymph by the Liver. (*Journ. of Physiol.* xxviii. p. 204.)

C. H. Fagge.

(6) On the Innervation of the Urinary Passages in the Dog. (*Journ. of Physiol.* xxviii. p. 304.)

J. H. Parsons.

(7) On Dilatation of the Pupil from Cerebral Stimulation. (*Proc. Physiol. Soc.*, 1901.)
(8) Action of Nicotine upon Nerve Cells. (*Ibid.* 1901.)

W. A. Osborne.

(9) Caseinogen and its Salts. (*Journ. of Physiol.* xxvii. p. 398.)

W. Page May.

(10) On the Supposed Reversal of the Law of Contraction in Degenerated Muscle. (*Brain*, 1902, p. 133.)
(11) On the Innervation of the Stomach in the Dog and Monkey. (*Brit. Med. Assoc.*, 1902.)

Department of Hygiene and Public Health.

Professor W. H. Corfield.

(1) The Milroy Lectures before the Royal College of Physicians on "The Etiology of Typhoid Fever and its Prevention."

Assistant-Professor Kenwood.

(2) Paper on "Water Standards," at the Sanitary Institute Conference on Water and Water-Supply.

II. Postgraduate Courses of Lectures and Laboratory Work (1902–1903).

1. **LATIN.**—Prof. A. E. Housman, M.A.

A Course of Lectures on Latin Poetry to the Death of Ovid.

2. **GREEK.**—Prof. Arthur Platt, M.A.

A Course of Lectures on Early Greek Philosophy.

3. **COMPARATIVE PHILOLOGY.**—Prof. J. P. Postgate, M.A., Litt.D.

A Course of Lectures and Classes on The Comparative Philology of Greek and Latin.

4. **ENGLISH LANGUAGE AND LITERATURE.**—Prof. W. P. Ker, M.A., LL.D.

(*a*) A Course of Lectures on English Literature (1625–1740).

(*b*) A Course of Lectures on the Forms of English Poetry.

(*c*) Courses of Lectures and Conferences on Germanic Philology, with reference to Old, Middle English, and Scandinavian, by Dr. John Lawrence, of Bedford College (under the Inter-Collegiate arrangement).

(*d*) A Series of Conferences on Special Subjects by Assistant-Professor Gregory Foster.

5. **ROMANCE PHILOLOGY, FRENCH LANGUAGE AND LITERATURE.**—Prof. Louis M. Brandin, M.A., Ph.D.

(*a*) Courses of Lectures on French Literature (XVIth & XVIIIth centuries).

(*b*) Courses of Lectures and Classes on Historical French Grammar and on Romance Philology.

6. **GERMANIC PHILOLOGY, GERMAN LANGUAGE AND LITERATURE.**—Prof. R. Priebsch, Ph.D.

(*a*) A Course of Lectures on "Goethe und Schiller's gemeinsames Schaffen, die romantische Schule, und Grillparzer."

(*b*) Courses of Lectures and Classes on Old and Middle High German.

(*c*) A Special Course of Lectures on Mediæval Literature.

7. **ARCHÆOLOGY.**—Prof. E. A. Gardner, M.A.

The work in this Department is almost entirely of a post-graduate character.

The work of the Department consists of the following:—

(1) Lectures, usually once a week, on some artistic or archæological subject. The subjects are chosen so as to give some notion of the methods of archæological research.

(2) Demonstrations, mostly in the British Museum.

(3) Classes of a "Seminar" type, attended by a select number of Students; in these the Students usually read papers in turn, involving original research, or study of a difficult problem.

(4) Classes for practical work; *e. g.*, sorting and identifying casts of ancient coins.

(5) Independent work of various Students. The Professor attends at regular hours in the Yates Library to give help and advice with such work.

(6) Lectures on sites and in museums in Greece. The Professor gives a Course of these Lectures every year, fitting, in part at least, into the Easter Vacation. These lectures are attended by many of those employed in classical or historical teaching, including professors and lecturers from Oxford, Cambridge, and other University Colleges, Masters in Public Schools, &c.

(7) Vacation courses in Archæology, intended especially for Schoolmasters.

The Yates Library, which is open to Students in this Department, is well equipped as a working library, especially for classical archæology. There is also a certain amount of apparatus, such as photographs, casts, &c. The addition of a gallery of casts to illustrate the history of Sculpture is an urgent need, which it is hoped may soon be met.

The Yates Lectures are given every spring by some competent archæologist on a special branch of Archæology.

8. **EGYPTOLOGY.**—Prof. Flinders Petrie, D.C.L., LL.D.

Courses of Lectures on History and Archæology are delivered during the First and Third Terms.

There is an almost complete Library of Egyptology, and also a collection of objects for Archæological study, and facilities for research are provided, and are largely used for advanced work.

During the Second Term, the Professor and his special students excavate in Egypt. There is a Special Fund—the "Egyptian Research Account"—which is devoted to the advancement of a student in Egypt each year.

9. **PHILOSOPHY OF MIND AND LOGIC.**—Prof. J. Sully, M.A., LL.D.

(*a*) An Advanced Course in Psychology.

(*b*) A Practical Course in Experimental Psychology is given by Mr. W. McDougall, M.B., in the Psychological Laboratory.

(*c*) Advanced Courses on Logic will be given by Mr. A. Wolf, M.A.

(*d*) A Course on the History of Modern Æsthetics.

(*e*) A Course on "The Development and Significance of Plato's Theory of Forms" by Dr. Bernard Bosanquet.

10. **POLITICAL ECONOMY.**—Prof. H. S. Foxwell, M.A.

(*a*) A Course of Lectures on Currency, Banking, and Foreign Trade.

The Functions of Money, Metallic Currencies and Mintage, various Legal Tender Systems, Currency Parity; the English Banking System, the Reserve and the Discount Rate, Note Issue and the Bank Acts; the Foreign Exchanges; the Stock Exchange and the Economic Aspects of Speculative Dealing; Commercial Fluctuations, their causes and history; Foreign Trade.

(*b*) A Course of Lectures on Public Finance by Mr. C. P. Sanger.

This Course will deal with the following topics, amongst others:—The General Functions of the State; Public Expenditure; Sources of Public Revenue; Principles of Taxation; Particular Taxes; Incidence of Taxation; Financial Policy and the Tariff; Public Assets and Public Debts; Financial Administration; Local Taxation and Central Control.

(*c*) **Newmarch Lectures.** A Course of Conferences on the Methods of Statistics, by Mr. G. Udny Yule.

This Course will deal with the following among other topics:—Index Numbers, their history, principles of construction, and chief difficulties; Applications to Price Movements; History and Analysis of the Course of Prices; the Problem of Monetary Stability; Applications to Wage Movements; other Uses of the Index Number.

(*d*) **Jevons Memorial Lectures.** A Course of Lectures by Mr. A. C. Pigou, on "Association of Employers and Employed, Arbitration and Conciliation."

11. **MATHEMATICS.**—Prof. Hill, D.Sc., F.R.S.

(*a*) One Lecture a week on the Theory of Functions.

(*b*) One Lecture a week on the Differential Equations of Mathematical Physics (Mr. L. N. G. Filon, M.A., D.Sc., Research Student).

12. **APPLIED MATHEMATICS.**—Prof. Karl Pearson, M.A., LL.B., F.R.S.

Mathematical Physics. The Professor is always glad to assist Students in research work in the application of mathematics to physical problems, especially in the Theory of Elasticity. The Senior Analytical Course (Lectures, Monday 11–12 and Thursday 3–4) is designed to draw the attention of Students to physical problems awaiting mathematical solution.

Mathematical Theory of Statistics. Both lectures and practical work in this subject are especially intended for Postgraduate Students.

Provision will be made for two hours *Lectures* weekly and for two days *Practical Class.* The time and material will be selected to suit the knowledge of those desiring to do statistical work, who are requested to meet the Professor on Wednesday, Oct. 2nd, at 4 o'clock.

Lectures.—There will be an Elementary Course dealing with the General Theory of Statistics, Normal and Skew Variation, Normal Correlation, etc., or an Advanced Course on the Quantitative Theory of Heredity or other selected branch of Applied Statistics.

Practical Class.—Students will be taught on actual Statistical data to calculate various types of Statistical Measurements and Coefficients; they will be shown the use of tables and mechanical calculators; or if they have already obtained this experience, they will be assisted in research work suited to their stage of progress. Statistical Students can work at any time on any days, and the Professor will always be able to see and discuss their work with them in the course of the day.

13. PHYSICS.—Prof. F. T. Trouton, M.A., D.Sc., F.R.S.

The Physical Laboratory is open during the year for Research Students under the guidance of the Professor, who will, if required, suggest subjects, and is always ready to give advice and assistance.

14. CHEMISTRY.—Prof. Sir William Ramsay, K.C.B., Ph.D., LL.D., Sc.D., F.R.S., and Professor J. Norman Collie, Ph.D., F.R.S.

(*a*) Advanced Course of *Physical Chemistry.* Lectures on this subject are delivered, during the Second and Third Terms, twice weekly; also on the History of Chemistry on Saturday mornings at 9 during the Third Term.

(*b*) Lectures on recent discoveries in *Inorganic Chemistry* are delivered by Assistant-Professors M. W. Travers, F. G. Donnan, and by other workers in Special Departments on subjects connected with their own research. The Lectures are given twice weekly during the First and Second Terms.

(*c*) Courses of Lectures on Spectroscopy and Spectroscopic Appliances will be delivered by Assistant-Professor Baly.

(*d*) Advanced Course of *Organic Chemistry* by Professor Norman Collie.

The Chemical Laboratory is largely attended by Research Students. Special facilities are provided for spectroscopic research, and for experiments requiring low temperatures.

15. **GEOLOGY.**—Prof. Garwood, M.A.

Facilities are given to Research Students, who are aided in investigation by the Professor.

16. **BOTANY.**—Prof. Oliver, M.A., D.Sc.

Courses of Lectures on :—

(*a*) The Œcology of Plants, by Professor Oliver and Assistant-Professor A. G. Tansley.
On Mondays, Wednesdays, and Fridays at 10 a.m., during the First Term.

(*b*) The Morphology and Affinities of the Ranales.
On Mondays and Wednesdays at 10 a.m., during the Third Term.

Amongst recent additions to the Botanical Collections of the Department are :—

(*c*) A representative series of preparations and impressions illustrating the structure of the Plants of the Coal Measures.

(*d*) Several collections of North American plants.

(*e*) The collections brought home by Mr. Tansley, illustrative of the floras of Ceylon, Malacca, and the Egyptian Desert.

These, like the other Collections, are accessible to Students.

(*f*) Students engaged upon original investigations in the Laboratory are admitted at a nominal fee.

17. **ZOOLOGY AND COMPARATIVE ANATOMY.**—Prof. E. A. Minchin, M.A.

(*a*) A course of Lectures on the Hydrozoa is delivered on Tuesdays during the First and Second Terms.

(*b*) In alternate years, courses on Odontology and on Vertebrate Palæontology are delivered by Dr. E. Warren.

Students whose qualifications are regarded by the Professor as satisfactory, are admitted to research work in the Laboratory.

The Laboratory is provided with aquaria, salt and fresh water, incubators, etc. The Professor is at all times ready to give advice and assistance to those engaged in original work.

18. **PHYSIOLOGY.**—Prof. E. H. Starling, M.D., F.R.S.

The Laboratory is open for work from 9 a.m. to 5 p.m. It is well equipped for research in all branches—physical, chemical, and histological. Persons who are desirous of conducting original investigations are admitted to work in the Laboratory either without fee or at a small fee, under certain regulations which may be obtained from the Professor.

During the Session 1902–1903, the following courses of advanced Lectures will be given :—

Professor STARLING. "Recent Advances in Physiology."
Once a week during the Third Term.

W. A. OSBORNE, M.B., D.Sc. "The Chemistry of Respiration."
Once a week during the Third Term.

W. M. BAYLISS, M.A., D.Sc. "On the Adaptations of the Blood-Vessels."
First Term.

The advanced course of Practical Experimental Physiology will be held on two days in the week during the First Term.

The advanced practical course of Physiological Chemistry will be held on two days in the week during the Second Term.

The advanced course of Practical Histology will be held on four or five days in the week during the Third Term.

All these courses are designed as preparation for original work.

19. **PATHOLOGICAL CHEMISTRY.** — Prof. VAUGHAN HARLEY, M.D.

The Laboratory is open for work from 9 A.M. to 5 P.M., during which time an Assistant is constantly present.

Instruction is given to the Students at any time, in the methods of chemical analysis of various pathological substances, as of the blood, gastric contents, fæces, urine, etc.

Each member of the class is given actual material to analyse, and from the results obtained he is required to make a diagnosis, which is corrected if necessary.

Lecture demonstrations on the application of the results obtained by analysis, together with discussions on pathological chemistry, so as to show its value in the diagnosis and progress of disease, are given in the afternoons.

Specimens of interest, as they occur, are demonstrated to the classes.

The fee for the class, including apparatus and material, is Five Guineas.

The Laboratory is principally attended by Research Students, and special facilities are provided for carrying out Research work in general metabolism.

20. **PATHOLOGY AND MORBID ANATOMY.**—Prof. SIDNEY MARTIN, M.D., F.R.S.

Students are admitted for the purpose of carrying out original research in Pathology, Morbid Anatomy, and Bacteriology by arrangement with the Professor.

21 & 22. **MECHANICAL** (Prof. J. D. Cormack, B.Sc.) **AND ELECTRICAL** (Prof. J. A. Fleming, D.Sc., F.R.S.) **ENGINEERING LABORATORIES.**

Students may be admitted for the purpose of carrying out original work under the guidance of either of the Professors, provided they have acquired the necessary preliminary training.

23. **HYGIENE AND PUBLIC HEALTH.**—Prof. Corfield, M.A., M.D.

Qualified Students are admitted with the approval of the Professor.

INDIAN SCHOOL.

There were 10 Candidates for the Indian Civil Service spending their year of probation at University College last Session. They all succeeded in passing the further examination in September. The most successful of them took the second place in the final examination, having been eleventh in the open competition the year before. And another took the 9th place, having been 23rd in the open competition.

The work of the School is eminently satisfactory: but the Council desire to point out that its progress is hampered by the lack of endowment, which causes continual changes in the staff as the Professors are offered Chairs with emoluments attached to them. It is of the greatest importance to the welfare of the Empire that the Oriental School in London should be strengthened.

THE PSYCHOLOGICAL LABORATORY.

The work of this Laboratory has been considerably developed by the appointment of Mr. Macdougall to give regular courses of lectures and laboratory instruction throughout the three terms of the Session. The work of the Laboratory is much hampered for want of funds: the importance of this Department is increased by the institution of a College for the Training of Teachers.

THE LIBRARIES.

The rearrangement of the College Libraries has made considerable progress during the year.

(a) *The Science Library.*

The organisation of the Science Library, to which reference was made in the previous report, has been carried on, and this library has now taken its position as a necessary adjunct to the more advanced courses of teaching and laboratory work.

During the past Session keys of this library were granted to fifty-one students.

The necessity of some permanent endowment to enable this section of the library to meet the increased demands made upon it should be emphasized. Such endowment at present only exists in the Grant

Fund, for the maintenance of the Zoological section: similar funds for the upkeep of the Botanical and Chemical sections are urgently needed.

It is, perhaps, in the Geological section that the Science Library is weakest. This deficiency will, however, be remedied to some extent by the agreement which has been arrived at with the Geologists' Association, that they should house their library at the College, in a room adjoining the Science Library, and that their books should be available for the use of the students and staff of the College. In return the members of the Association will have the right of consulting and borrowing books from the Science Library of the College on similar terms.

This arrangement should prove of mutual advantage, as the College possesses most of the standard journals of general science, which are for the most part wanting in the Association Library, while the Association is peculiarly rich in the proceedings of Local Scientific Societies, which are almost entirely wanting here. Shelving for the housing of the Association library is at present being constructed, and the books will be deposited here in the course of the present term.

(b) *The Modern Language Library.*

On the principle that a library should be to the student of Philology what the laboratory is to the Science student, an effort has been made during the past year to concentrate into a special collection all works on Germanic and Romance philology and literature. The South Library has been allotted for this purpose, and the shelves on the floor have been cleared, making room for 10,000 volumes. It is hoped that the library there formed will serve the purpose of a German "Seminar" as a training-school for literary research.

In the course of the next vacation it is hoped to clear the gallery-shelves, and thus find space for 10,000 volumes of Modern History, which it is impossible to separate satisfactorily from Modern Literature.

The present contents of this library fall into the six groups of—

A. Germanic Philology generally.
B. The Daulby-Roscoe collection of Scandinavian (especially Icelandic) literature.
C. German Literature.
D. English Literature.
E. The Romance Languages.
F. The Barlow Dante Library.

The books in sections A, C, D, and E are in unlocked cases, accessible to all students attending advanced lectures at the College. It should be noted that, as these advanced classes are inter-collegiate, such students may belong to any school of the University. It is an essential condition of a Seminar Library that students should be allowed to consult books at will.

The Daulby-Roscoe and Barlow collections are, however, kept under lock and key, as they contain many rare and some probably unique works.

Altogether over 12,000 books are available for students, but of these only one-half are as yet placed upon open shelves.

The Catalogue of the Modern Language Library is upon the card system, in two divisions of "Authors" and "Subjects." The more important articles in the periodicals are being indexed, and sorted into the subject-catalogue, so that an extensive and valuable bibliography of certain branches of Modern Philology will be the result.

The University of London has made a large contribution to the German section, on the condition that the books so loaned shall be accessible to all graduates and undergraduates of the University on the same terms as the books in the University Library at South Kensington. The question of a further loan of books, conditional upon the whole of the Modern Language Library being placed at the disposal of University students, is at present under the consideration of the University authorities.

Here, again, the necessity for some permanent endowment must be emphasized, if the library is to keep up with the growth of research.

The library has acquired most of the necessary learned periodicals, dictionaries, and in fact works of philology in its narrower sense: texts, more especially of standard 19th Century writers, are in many cases still wanting. Any donations of books, and especially of French authors of either the Mediæval period, or of the 19th Century, will be most welcome.

THE MUSEUMS.

Owing to the liberality and energy of Prof. Garwood the reorganisation of the Museum of Geology has made rapid progress. A large number of specimens have been added to the collection.

The Museums of Anatomy and Zoology have received valuable gifts during the year from past and present Professors and students; the number of new specimens in the Anatomy Museum amounting to 228, in addition to 81 new microscopic sections.

The Botanical Museum has been enriched by the collections made by Assistant-Professor Tansley in the course of his tour in the East.

EVENING LECTURES AND MEETINGS.

The College has been opened during the past Session five evenings in the week. The Courses for qualified Engineers arranged by Professors Fleming and Cormack, and delivered by them in conjunction with Prof. Carus Wilson, have been well attended and much appreciated. The Course on Electro-Chemistry by Dr. Donnan has been attended by a considerable number of advanced students. Courses for Engineers.

The lectures delivered by Mr. Stopford Brooke, and arranged by the Committee of the Stopford Brooke Lectureship Fund, have been attended by about 600 persons. Stopford Brooke Lectures.

The public French Lectures last Session were well attended. Prof. Brandin has just begun his second series with an audience of over 200. Public French Lectures.

The Meetings of the Philological Society, the Political Economy Club, and of the Geologists' Association, are held regularly in the College. Several Educational Societies and organisations have held their annual meetings in the College. Learned Societies.

The Council are glad to welcome such Societies.

THE UNION AND OTHER STUDENTS' SOCIETIES.

Union Society.

The reports of the Students' Societies show that the corporate life of the College is in a healthy condition. The popularity and usefulness of the Union Society is evidenced by its many-sided activity, and by an increase of 110 in its roll of membership. The Union assisted in making the arrangements for the reception of Mr. Chamberlain on Nov. 5th. At the request of the Committee, Mr. Chamberlain consented to receive an Address in the Arts corridor. The Address was presented by Dr. Goodbody (President of the Union) in the presence of a crowd of professors and students that completely filled the corridor. Mr. Chamberlain made an interesting speech in reply on University Education.

Visit of Mr. Chamberlain.

Women's Union.

The Women's Union Society is not less active, and is equally appreciated by the women students.

Other Societies.

The Special Societies not included in the Union have done excellent work. The Musical and Medical Societies may be specially mentioned in this connection. A Mathematical Society has just been formed.

FOUNDATION WEEK.

Foundation Week was celebrated under the auspices of the Union Society in the first week in June. Professor Starling delivered the oration, his subject being "The Building of the New University." The oration was particularly directed to the questions that arise in connection with the re-organisation of the University of London: it has been printed and may be obtained at the College, price 6*d.*

THE COLLEGE CONVERSAZIONE.

A most successful Conversazione was held on June 17th by the Council and Professors. The arrangements were made by a Special Committee, the Secretary to which was Dr. Morris Travers, who received the hearty co-operation of the students in carrying out a most successful function.

THE COLLEGE GAZETTE.

The College Gazette has been published regularly throughout the Session. It usefully reflects student opinion.

PEEL MEMORIAL FUND.

The Income of the Fund in 1902 was expended in the purchase of books, &c. presented to the North Skelton Institute, Skelton-in-Cleveland, The Brymbo Workmen's Institute, Brymbo, near Wrexham, and the Handbridge Young Men's Friendly Society and Men's Club. Handbridge, Chester.

IX. SCHOOL.

The following Table shows the number of boys in the School in each of the three terms of the last five sessions and in the first two terms of the current session :—

	1st Term.	2nd Term.	3rd Term.	Average for the year.
1897–98.....	359	362	342	354
1898–99.....	323	308	307	313
1899–1900....	309	314	335	319
1900–1901....	351	345	342	346
1901–1902....	368	383	375	375
1902-1903....	399	415		

The returns which have been laid before the Council show that the discipline of the School remains in a satisfactory state.

In 1902, 21 pupils passed the Matriculation Examination of the University of London.

From the tables submitted it appears that 10 boys were entered in the Black Book last Session, the total number of entries being 12.

The Horton Memorial Scholarship was awarded to A. McFadyean.

Five Open Scholarships will in June next be offered for competition among boys between the ages of twelve and fourteen, whether already in the School or not. Two will be of the value of 24 guineas per annum, the other three of 12 guineas per annum. The examination will be held on June 16 and 17.

The Sixth Form work was examined by the Oxford and Cambridge Joint Board, and the report speaks highly of the work done. 7 boys took the Certificate, with 7 distinctions. Two Open Exhibitions, for Classics and Mathematics, were won at Oxford. The Commercial Department was inspected and examined separately by the Rev. T. W. Sharpe, C.B., and G. G. Chisholm, Esq. As the result of that examination the Technical Education Board presented Diplomas to 21 boys at the end of their 2nd year in the Commercial Course. Of these, 3 were placed in the 1st class, 8 in the 2nd, and 10 in the 3rd. 13 earned distinction in one or more subjects. The report on the work of the whole Department under Mr. Kahn was most satisfactory.

The staff has been strengthened by the accession of Dr. E. R. Edwards (Cambridge and Paris). Mr. F. F. Bush (of Bristol and Clifton College) has succeeded Mr. F. G. Stephens as Head Drawing Master. We have lost Mr. R. S. James through death, and Mr. Louis Walter through illness. Their places are taken by Mr. R. G. Eves (formerly Trevelyan-Goodall Scholar at U. C. S.) and Mr. Frank Elliott.

The year has seen quite a marked resuscitation of the Cadet Corps. Mr. G. H. Groves has taken his Commission as Lieutenant, and the School Corps now forms a separate Company.

An exhibition of Boys' Hobbies was held early in July, and, under the management of Mr. Sydney Jones, proved a great success. This is the second exhibition held, and has become historical through its commemoration in 'Punch.'

The great day of the year was the visit of Mr. and Mrs. Joseph Chamberlain on November 5th. The occasion of the visit was the unveiling of the Memorial in the Playground to the Old Boys of the School who fell in the South African War. There was a large gathering of Old Boys, Parents, and friends, and the Right Honourable gentleman, himself an Old Boy of the School, had a most enthusiastic reception. After unveiling the tablet, he was entertained at luncheon in the Council Chamber.

THE BRANCH SCHOOL.

The Preparatory School at Hampstead makes satisfactory progress under the Head Master, Mr. C. Simmons. There are now 90 boys in the School, which has thus reached the limit of the accommodation at present available. The Council are considering a scheme for an extension of the School premises.

X. HOSPITAL.

The Committee record with much satisfaction that early in the past year H.R.H. The Prince of Wales accepted the position of Vice-Patron, an office held for many years by H.M. The King, now Patron of the Hospital.

Satisfactory progress has been made with the new Building, which through the munificence of Sir J. Blundell Maple, Bart., M.P., is in course of erection. The South-East block was completed at the end of December; and the first, second, third, and fourth floors were opened for patients early in January of the current year. The demolition of the remaining portion of the old Hospital has been begun. The ground-floor of the S.E. block, which will eventually be used for the Children's Ward, has been adopted for and is being used as a temporary Medical and Surgical Out-Patient Department until the permanent Out-Patient Department is built. The Obstetric Out-Patient Department, Casualty Room, Sisters' and Nurses' Dining Halls, Students' Common Room, Steward's Stores, Office Staff Luncheon Rooms, and a portion of the Dispensary, are making rapid progress towards completion.

During the demolition of a portion of the old Hospital building to make room for the S.E. block, the original Foundation Stone of the Hospital was discovered. A cavity in the Stone covered by a brass plate, upon which a Latin inscription is engraved, contained several coins and a scroll recording the names of the Council, Professors and Officers of the University of London, and the names of the Members and Secretary of the Hospital Committee. The coins, scroll, and plate have been placed in a case in the Board Room.

The University College Hospital Ladies' Association has enlarged its sphere of usefulness in a most gratifying direction by the payment of £100 to be continued annually for the support of a Bed to be called the "U. C. H. Ladies' Association Bed." The Association has in addition provided a considerable number of useful garments for the patients.

The Committee has much pleasure in reporting the election of Mr. Edward Filliter as a member of the Hospital Committee, Mr. Filliter's family having been supporters of the Charity for many years.

Last year the Committee announced that Mrs. Stapylton-Smith, a member of the U. C. H. Ladies' Association, had presented £500 as a first payment towards the Endowment of a Cot. The Committee are now enabled with much pleasure to state that Mrs. Stapylton-Smith has presented a further sum of £250 towards this most desirable object.

The Committee would call the attention of Testators to this mode of furthering the objects of the Charity.

Finsen Light and Radiographic Departments, for the purpose of carrying out a most important part of the Medical and Surgical work of the Hospital, have been installed and are now in working order.

ANNUAL SUBSCRIPTIONS.

		£	s.	d.
The President		25	0	0
The Treasurer		52	10	0
The Principal		5	0	0
Mr. G. A. Aitken		1	1	0
Dr. W. H. Allchin	(For 5 years)	5	0	0
Mr. W. Ashburner	(For 5 years)	5	0	0
Mr. Walter Baily		5	0	0
Mr. Arthur Berry	(For 3 years)	2	2	0
Mr. C. F. T. Blyth		1	1	0
Prof. Fredk. Brown		10	0	0
Sir E. H. Busk	(For 5 years)	5	0	0
Mr. M. Carteighe		20	0	0
†Sir Arthur Charles	(For 5 years)	5	0	0
Miss Clara Collet		1	0	0
Dr. P. T. Duncan		5	0	0
Mr. James Easterbrook		5	0	0
Mr. J. A. Eccles		10	0	0
Egyptian Exploration Fund		10	0	0
Mr. N. Eumorfopoulos	(For 5 years)	5	0	0
Miss Fawcett		1	1	0
Mr. Edward Filliter		3	3	0
Mr. L. N. G. Filon		1	1	0
Lord Edmond Fitzmaurice		10	0	0
Professor H. S. Foxwell		5	0	0
Mr. Wm. Francis, Junr.		5	0	0
Dr. F. W. Goodbody		*40	0	0
‡Dr. Charles Graham	(For 4 years)	25	0	0
Miss Grove		1	1	0
Mr. R. B. Haldane, M.P.		10	10	0
Professor Vaughan Harley		*100	0	0
Dr. H. F. Heath	(For 5 years)	5	0	0
Professor M. J. M. Hill		*5	0	0
Professor Victor Horsley		*65	0	0
Professor A. E. Housman		2	2	0
Professor A. B. Kennedy	(For 5 years)	10	10	0
Professor W. P. Ker	(For 5 years)	5	0	0
Miss Florence Lee		1	1	0
Professor Bunnell Lewis		5	0	0
Rev. Martin Lewis		1	0	0
Mr. Henry Lucas		5	5	0
Mr. N. Micklem		5	0	0
Mr. Claude G. Montefiore		5	5	0
‡Mrs. Nathaniel Montefiore	(For 5 years)	20	0	0
Dr. D. K. Morris	(For 5 years)	2	2	0
Mr. F. Nettlefold		10	0	0
Professor F. W. Oliver		5	0	0
Mr. Richard Pennington		5	5	0
Professor J. A. Platt		5	0	0
Carried forward		542	0	0

† £25 paid. ‡ £100 paid. * For special purposes.

		£	s.	d.
Forward		542	0	0
Professor J. P. Postgate		1	1	0
Mr. A. W. Porter	(For 2 years)	5	5	0
Sir Augustus Prevost, Bart.		5	5	0
Professor Sir Wm. Ramsay		*20	0	0
do. do.		5	0	0
Lady Russell Reynolds	(For 5 years)	5	0	0
Dr. H. Meredith Richards		1	1	0
Sir John Rotton		5	0	0
Mr. T. Savage		3	0	0
Professor E. A. Schäfer		10	0	0
Mr. W. Arthur Sharpe		5	5	0
Rt. Hon. Lord Shuttleworth		10	0	0
Rev. Henry Solly		1	0	0
Lord Justice Stirling	(For 5 years)	5	0	0
Professor J. Sully		3	3	0
Mr. J. W. Swan	(For 5 years)	10	0	0
Mr. Sedley Taylor		5	0	0
Professor G. D. Thane	(For 5 years)	5	0	0
Sir Henry Thompson, Bart.		5	5	0
Professor John Tweedy	(For 5 years)	25	0	0
Mr. Edwin Waterhouse		5	5	0
Professor F. E. Weiss		1	1	0
Professor W. F. R. Weldon	(For 5 years)	5	0	0
Mr. William Wills		1	1	0
Mr. W. H. Winterbotham		5	0	0
Mr. T. McKinnon Wood		5	0	0
Mr. R. Worsley		5	0	0
Mr. G. Udny Yule		2	0	0
Professsor J. Tweedy (from last Session)		20	0	0
		£726	12	0

DONATIONS.

	£	s.	d.
Sir David Salomons	25	0	0
Sir John Williams	10	0	0
Mr. W. R. Macdonell	*20	0	0
	£55	0	0
Crabb-Robinson Trustees	*267	2	0
	£322	2	0

* For special purposes.

PSYCHOLOGICAL LABORATORY SUBSCRIPTIONS.

	£	s.	d.
Miss A. A. Wood	1	0	0
Prof. J. Sully	2	2	0
	£3	2	0

LIBRARIES.

The donations to the Libraries during 1902 were as follows:—

	Vols.	Pmph.
Academy, Editor of the	0	52
Analyst, Editor of the	0	12
Argentina, Oficina Demografica	0	2
Army Medical Department	1	0
Association of American Physicians	1	0
Astronomer Royal	5	0
Athenæum, Editor of the	0	52
Bastian, H. C., M.A., M.D., F.R.S.	2	0
Birmingham Municipal Tech. Schs.	1	0
Brandin, Prof. L. N., M.A., Ph.D.	3	0
British Association	1	0
British Astronomical Association	2	0
British Congress on Tuberculosis	1	0
British Dental Association	0	11
British Museum, Trustees of the	10	0
Browne, E. T.	6	0
Bucknill, Lieut.-Col. J. T.	5	0
China Imp. Maritime Customs	9	0
City and Guilds Institute	1	0
College, City of London	1	0
,, Durham, of Science	1	0
,, East London Technical	1	0
,, Glasgow and West of Scotland	1	0
,, King's, London	1	0
,, Merchant Venturers' Technical	1	0
,, Owens, Manchester	1	0
,, of Preceptors	1	0
,, Queen's, Galway	1	0
,, Royal, of Science, Tokyo	1	1
,, ,, of Physicians, Lond.	1	0
,, ,, of Surgeons, Engl.	2	0
,, University, Bristol	1	0
,, ,, Dundee	1	0
,, ,, Liverpool	1	0
,, ,, North Wales	1	0
,, ,, Nottingham	1	0
,, ,, South Wales	1	0
,, Yorkshire, Leeds	1	0
Colles, W. M., Jun.	1	0
Commissioner for Labour	3	0
Conway, Sir W. M.	1	0
Coubertin, P. de	1	0
Donnan, F. G., M.A., Ph.D.	1	0
Durie, W.	1	0
Egyptian Government	1	0
Electrical Engineer, Editor of the	0	52
Finlay, Dr. A.	1	0
Geological Survey of Canada	4	2
Geologists' Association	0	3
Gollancz, Prof. H., M.A., D.Lit.	1	0
Haines, C. R., M.A.	1	0
Harmer, S. F., F.R.S.	0	1
Heath, Sir Christopher, F.R.C.S.	3	0
Housman, Prof. A. E., M.A.	3	0
Institute of Bankers	0	9
,, Chemistry	0	4
Institution of Civil Engineers	2	0
,, Electrical Engineers.	0	8
,, Engineers and Shipbuilders in Scotland	1	0
,, Mechanical Engineers	0	4
,, Naval Architects	1	0
International Engineering Congress	3	0
Iron and Steel Institute	2	0
Johns Hopkins Hospital	0	13
Kensington, Borough of	1	0
Ker, Prof. W. P., M.A.	1	0
Lendon, A. A., M.D.	1	0
Lendon, E. H., M.A., M.D.	2	0
Local Government Board	2	0
London, Corporation of	1	0
Longmans, Green & Co., Messrs.	3	0
Macmillan & Co., Messrs.	1	0
Moore, Rev. E., D.D.	0	1
Morning Post, Editor of the	1	0
Murison, Prof. A. F., M.A, LL.D.	1	0
Norway, Government of	1	0
Platt, Prof. J. A., M.A.	0	1
Poore, Prof. G. V., B.S., F.R.C.P.	2	0
Prevost, Sir A., Bt.	1	0
Priebsch, Prof. R., Ph.D.	0	20
Ramsay, Prof. Sir W., F.R.S.	0	30
R. Accademia dei Lincei, Roma	3	0
Reay, The Rt. Hon. Lord, G.C.S.I., LL.D.	2	158
Rotton, Sir J. F., K.C., M.A.	5	0
Royal Acad. of Medicine in Ireland	2	0
Royal Institute of British Architects	1	20
Royal Institution of Great Britain.	1	0
Royal Irish Academy	3	1
Salmond, J. W.	1	0
Sawyer, Sir J.	1	0
Schaefer, Prof. E. A., F.R.S.	3	0
Smith, S., M.P.	1	0
Society of Antiquaries	1	1
,, Aristotelian	1	0
,, of Arts	0	52
,, British Balneological	0	4
,, Cambridge Philosophical	0	6
,, Chemical	0	29
,, of Chemical Industry	0	25
,, Clinical	1	0
,, Laryngological	0	8
,, London Mathematical	0	5
,, Manchester Statistical	1	0
,, Medical	2	0
,, Obstetrical	0	4
,, Otological	1	0
,, Pathological	3	0
,, Pharmaceutical	1	52
,, Philological	6	0
,, Physical	0	6
,, Royal Astronomical	0	9
,, Royal Medical and Chirurgical	1	0
,, Royal Microscopical	0	6
,, Royal, of Canada	1	0
,, Royal, of Literature	0	2
,, Royal, of London	6	22
,, Royal, of Victoria	1	1
,, Royal Statistical	0	2
,, West London Medico-Chirurgical	0	4
,, Zoological, of London	2	10
Starling, Prof. E. H., F.R.S.	1	0
Stearns Fadelle, F.	1	0

	Vols.	Pmph.
Sully, Prof. J., M.A., LL.D.	1	16
Surgeon-General, U.S. Army	1	0
Tansley, A. G., M.A.	0	9
Treasury, Lords Commsrs. of the	4	0
Tweedy, Prof. J., F.R.C.S.	1	0
University Club, New York	1	0
,, College Literary Society, London	18	0
University of Aberdeen	1	0
,, Coimbra	1	0
,, Colorado	1	0
,, Columbia	1	0
,, Edinburgh	1	0
,, Glasgow	2	0
,, Harvard	1	0
,, Imperial, of Japan	2	0
,, Johns Hopkins	1	6
University of Kyoto, Japan	1	0
,, London	6	0
,, McGill, Montreal	2	0
,, Melbourne	1	0
,, Nebraska	1	0
,, Padua	1	0
,, Panjab	1	0
,, Sydney	2	0
,, Toronto	2	0
,, Victoria	1	0
Vernon-Harcourt, Prof. L. F., M.A.	1	0
Victoria Public Library, Melbourne	1	0
Wedderspoon, W. G.	1	0
Welcker, A.	1	0
Worcester Polytechnic Institute	1	0
Yates, Major A. C.	9	1

Return of Services of the Members of Council from January 1st to December 31st, 1902, inclusive. Meetings of Council 13, of Committee of Management 22, of Senate 8.

Council.	Attendances.				Total.
	Council.	Comm. of Management.	Special Committees.	Senate.	
No. of Meetings	13	22	..	8	
President	8	..	10	..	18
Vice-President	8	..	..	..	8
Treasurer	5	..	4	..	9
Principal	12	22	17	8	59
Mr. Ashburner.....	4	9	3	..	16
Mr. Baily	6	20	6	..	32
Mr. Beeton	4	..	..	..	4
Dr. Benson	9	15	9	..	33
Prof. Bradford	8	9	9	..	26
Lord Edmond Fitzmaurice..	2	..	..	..	2
Mr. Carteighe	3	..	1	..	4
Prof. Housman	9	13	2	..	24
Mr. Lucas.....	5	..	..	..	5
Sir J. Blundell Maple.....	0	..	..	..	0
Mr. Montefiore	2	..	..	..	2
Prof. Oliver	9	15	4	..	28
Prof. Platt	8	..	2	..	10
Sir John Rotton	7	5	5	..	17
Mr. Sharpe	10	3	10	..	23
Prof. Spencer	8	..	..	..	8
Prof. Starling	8	..	6	..	14
Mr. Swan	..	7	..	..	7
Sir John Williams	2	..	..	..	2
Mr. Worsley.....	6	..	..	..	6

Dr. COLLEGE ESTABLISHMENT.—INCOME AND

INCOME.		1901–1902.	1900–1901.
	£ s. d.	£ s. d.	£ s. d.
COLLEGE:			
Students' Fees, including proportion of Parliamentary Grant (£142 16*s.* 0*d.*) and payment (£80 2*s.* 0*d.*) from Bedford College	15,930 7 6	.....	16,368 3 0
Share of Hospital Fees	565 10 0	.....	306 10 0
		16,495 17 6	
DIVIDENDS from Invested Funds, viz.:—			
Bacon Fund	38 3 7	.....	46 1 6
Brundrett Fund	31 7 4	.....	31 9 11
Cama Fund	3 14 1	.....	4 14 0
College Fund	59 12 6	.....	59 5 0
Hebb Fund	11 15 2	.....	11 16 8
Holme Fund (Medical School Expenses)	898 10 4	.....	902 14 9
Library Deposit Fund	8 1 5	.....	8 2 2
		1,051 4 5	
Rents, &c.	.....	209 19 4	157 1 7
Parliamentary Grant, Session 1901–1902	3,000 0 0		
,, ,, *less* appropriated as above	142 16 0		
		2,857 4 0	2,979 0 0
Subscriptions and Donations in response to Appeal of February 1901	.....	781 12 0	1,103 2 0
London County Council Grant	.....	1,500 0 0	1,500 0 0
Crabb Robinson Trustees Grants for Athletic Ground &c.	75 0 0		
,, ,, ,, for Sundry Repairs	192 2 0		
		267 2 0	103 16 0
Balance of Sir F. H. Goldsmid's Fund Dividends	.....	810 15 5	929 11 8
Trust Funds for Expenses of Administration	.....	260 0 0	260 0 0
Sundry Receipts in respect of Apparatus, Examination, and Registration Fees	.....	84 15 2	111 3 10
Subscription to Chemical Laboratory Alterations	10 0 0		
Less Balance of Cost of Alterations	8 9 0		
		1 11 0	
Calendars, Calendar Advertisements, and Museum Catalogues	.....	51 9 6	46 11 4
Locker Rents	.....	101 5 0	102 6 0
Evening Class Fees	.....	54 18 0	101 12 6
Payments by various Societies for lighting, &c.	.....	67 2 0	26 1 0
SCHOOL:			
Tuition Fees	8,156 8 0	.....	7,731 3 0
Entrance Fees	45 0 0	.....	44 5 0
Gymnastic Fees	103 11 0	.....	123 18 0
Drawing Fees	48 10 0	.....	52 10 0
Carpentering Fees	79 0 0	.....	34 0 0
Fines in lieu of notice	8 8 0	.....	10 6 0
Books, Drawing Materials, and Apparatus	774 16 10	.....	699 15 3
		9,215 13 10	
BRANCH SCHOOL:			
Tuition Fees and sundry receipts	.....	1,797 6 8	1,670 14 0
		35,607 15 10	35,525 14 2
College General Capital Account, Balance on the year being Excess of Expenditure over Receipts (see Balance Sheet, page 54)	.....	988 3 5	1,041 6 11
		£36,595 19 3	£36,567 1 1

COLLEGE, LONDON.

EXPENDITURE ACCOUNT.—SESSION 1901–1902. *Cr.*

EXPENDITURE.	1901–1902. £ s. d.	1901–1902. £ s. d.	1900–1901. £ s. d.
COLLEGE SOLELY:			
By Professors' Salaries	3,405 0 0	.....	3,635 0 0
,, Share of Fees	7,207 0 1	.....	7,512 2 4
Fees Returned	94 7 0	.....	149 2 0
		10,706 7 1	
Advertising, Printing, and Stationery	.....	740 9 2	1,098 8 8*
Prizes (less £5 Sundry receipts)	.....	152 16 2	138 16 1
Postage and Miscellaneous Expenses	.....	74 11 8	105 6 10
Grants to Professors for Assistance and Apparatus and for Repairs to Apparatus	.....	2,511 7 4	2,641 19 8
Chemistry Apparatus	.....	189 2 10	
Holme Professors, Teachers and Apparatus	.....	539 11 7	795 15 2
Special Apparatus &c. provided from Subscriptions Account (Appeal of February 1901)	.....	269 11 6	329 13 2
Examiners' Fees	.....	26 6 0	23 3 0
Evening Classes	.....	68 7 8	76 11 11
Lady Superintendent's Salary	.....	100 0 0	100 0 0
Library, including Librarian's and Library Assistants' Salaries (less £2 0*s.* 9*d.* Sundry receipts)	.....	514 16 8	492 19 7
Museum and Laboratory Attendants &c.	.....	967 17 0	955 11 6
Chemical Laboratory Alterations less Subscriptions	.....	.....	109 1 0
Installation of Electric Light	.....	140 17 3	
Psychological Laboratory Fund	.....	12 1 6	8 8 0
Athletic Ground: Crabb Robinson Grants	.....	75 0 0	75 0 0
Medical Entrance Exhibitions for Scholars, and Advertisements	.....	134 18 6	172 14 6
COLLEGE AND SCHOOL JOINTLY:			
Office Salaries	.....	1,361 13 0	1,313 6 8
Late Secretary (Pension)	.....	250 0 0	442 8 10
Auditor's Fees	.....	31 10 0	31 10 0
Beadles, Porters, and Liveries	.....	1,208 19 8	1,160 19 3
Law Expenses	.....	54 4 9	155 7 8
Interest on Loan	.....	929 13 3	1,005 9 4
Rates, Taxes, and Insurance	.....	1,888 5 2	1,516 12 0
Additions, Alterations and Repairs to Buildings, Fittings and Furniture (less £9 12*s.* 9*d.* Sundry receipts)	1,888 2 3	.....	
House Carpenters and Materials	415 16 6		2,143 8 1
		2,303 18 9	
Fire and Light	.....	1,402 5 7	1,402 7 2
Household Stores	.....	230 0 2	188 5 8
Garden and Grounds	.....	50 8 0	48 8 11
Contribution to Conversazione	.....	50 0 0	
SCHOOL SOLELY:			
Masters' Salaries (including £114 transferred to Retired Masters' Fund for Investment and £100 17*s.* 3*d.* transferred to Masters' Salaries Suspense Account)	6,564 18 6	.....	6,107 10 11
Teacher of Gymnastics	101 15 6	.....	104 11 6
Carpentering: Teachers and Expenses	40 9 8	.....	24 8 2
Books, Drawing Materials, Advertising, Printing, Stationery, Postages, and Apparatus	907 13 4*	.....	512 9 2
Prizes (less £8 Sundry receipts)	41 10 11	.....	55 1 7
Contribution to Expenses of Distribution of Prizes	7 10 0	.....	7 10 0
Beadles, Attendants, and Liveries	201 13 6	.....	219 0 6
		7,865 11 5	
BRANCH SCHOOL (including £6 transferred to Retired Masters' Fund for Investment)	.....	1,745 7 7	1,707 12 3
		£36,595 19 3	£36,567 1 1

* This includes School Stationery.

HY. FORSTER MORLEY.
JOHN HENNELL.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

Nov. 21st, 1902.

UNIVERSITY

Dr. COLLEGE TRUST FUNDS.—INCOME AND

INCOME.	1901–1902. £	s.	d.	1900–1901. £	s.	d.
To Trust Fund Dividends, viz.:—						
Andrews	187	1	10	188	11	0
Atchison	112	15	2	113	10	4
Atkinson-Morley	167	14	6	169	0	0
Barlow	26	9	7	26	13	7
Berridge	279	19	11	281	17	2
Bruce	9	8	2	9	9	7
Bucknill	147	5	9	172	10	4
Case	25	3	5	25	8	5
Cluff	7	10	6	7	11	8
Cook	5	7	3	5	7	10
Crabb Robinson	89	6	11	88	13	9
De Moleyns	15	10	4	15	12	8
Derby	55	15	5	56	13	2
Edwards	140	10	1	141	13	7
Ellen Watson	15	13	0	15	15	2
Emanuel	4	18	7	5	0	2
Erichsen	14	5	10	14	8	10
Fellowes	16	19	8	17	1	10
Fielden	188	2	8	189	11	8
Filliter	32	13	7	32	18	7
Goldsmid Professorships	92	2	6	92	14	10
Goldsmid, Sir F. H., Bart	1,219	0	9	1,242	19	8
Goodall	19	2	5	19	5	0
Grant	62	0	0	62	8	6
Grote	209	9	6	211	2	0
Heimann	1	13	0	1	13	6
Hollier	157	19	10	159	4	4
Holloway	76	9	8	77	1	7
Horton	19	18	2	20	4	8
Hume	52	15	10	53	3	8
Jews' Commemoration	28	9	1	28	13	5
Jodrell Physiology	248	19	9	250	17	7
Jodrell Zoology	237	14	0	239	10	10
Lewis	2	17	2	2	18	2
Liston	10	2	2	10	3	5
Malden	22	0	0	22	2	10
Mayer de Rothschild	43	10	6	51	18	5
Mill	18	15	11	18	18	11
Morley		12	7		12	10
Morris Bursary	15	9	4	15	11	10
Morris, John	3	17	0	3	17	8
Nettleship	3	15	4	3	16	0
Newmarch	56	9	3	58	1	7
Peel	45	3	0	45	10	0
Peene	48	14	7	49	2	5
Pender Memorial	138	3	6	138	3	6
Postgate	1	8	3		17	3
Quain	1,591	1	2	1,685	12	1
Quain Law	346	6	1	348	19	3
Retired Masters	67	2	3	64	7	9
Retired Professors	208	5	9	203	0	1
Ricardo	41	18	5	42	4	10
Savage	4	5	7	4	6	10
Schäter	5	15	8	2	18	0
School Science	16	16	8	16	18	10
Sharpey	99	8	6	105	19	6
Slade Prizes	69	7	6	69	18	6
Slade Professorship	217	19	3	219	13	0
Slade Scholarships	300	15	2	303	2	0
Tapson	40	3	0	40	3	0
Tuffnell	162	19	8	164	5	1
Tuke	1	17	10	1	17	11
Warr	2	17	2	2	17	5
West	28	4	5	28	8	8
Yates Archæology	377	6	5	380	6	1
Yates Geology	217	8	6	214	10	3
	£8,179	4	3	£8,357	12	10
Balance on the year, being Excess of Expenditure over Income	423	12	8	.....		
	£8,602	16	11	£8,357	12	10

COLLEGE, LONDON.

EXPENDITURE ACCOUNT.—SESSION 1901–1902. *Cr.*

EXPENDITURE.	1901-1902. £	s.	d.	1900-1901. £	s.	d.
By Application of Trust Fund Dividends, viz.:—						
Andrews: Scholars and Expenses	185	11	8	200	5	0
Atchison: Scholars and Expenses	110	0	0	110	0	0
Atkinson-Morley: Surgical Museum Catalogue Fund, Curator, Examiners and Expenses	269	19	6	88	13	11
Barlow: Lecturer and Expenses	26	9	7	26	13	7
Berridge: Professors and Lecturer	311	0	0	261	0	0
Bruce: Medal and Fittings	66	1	8	8	3	0
Bucknill: Examiners	12	2	0	125	10	0
Case: Exhibition and Prizes	25	0	0	25	11	0
Cluff: Prize	.....			15	0	0
Cook: Prize	5	7	3	5	7	10
Crabb Robinson: Beadles and Repairs to Flaxman Gallery	108	15	6	74	5	9
De Moleyns: Electrical Apparatus	15	10	4	15	12	8
Derby: Scholar, Curator and Expenses	92	6	10	2	0	0
Edwards: Professor	141	0	0	144	0	0
Ellen Watson: Scholar	15	0	0	.....		
Emanuel: Prize	4	18	7	5	0	2
Erichsen: Instruments and Expenses	16	12	5	2	0	4
Fellowes: Professor, Medals and Expenses, &c.	129	4	10	15	16	0
Fielden: Professors and Scholars	198	6	8	297	10	0
Filliter: Scholars, Apparatus and Expenses	71	0	0	1	0	0
Goldsmid Professorship: Professors	71	13	6	92	18	10
Goldsmid, Sir F. H., Bart.: Professors and Expenses	406	13	4	315	0	0
,, ,, ,, : College Establishment	810	15	5	929	11	8
Goodall: Scholar	.....			19	5	0
Grant: Books and Binding	56	10	3	69	17	6
Grote: Professor	209	9	6	211	2	0
Heimann: Medals	1	11	0	1	16	5
Hollier: Professor, Scholar and Expenses	205	0	11	192	4	0
Holloway: Exhibitioners	89	1	0	77	10	0
Horton: Scholar	20	0	0	25	4	0
Hume: Scholars and Expenses	64	1	10	46	13	0
Jews' Commemoration: Scholars and Expenses	46	10	0	31	10	0
Jodrell Physiology: Professor	248	19	9	250	17	7
Jodrell Zoology: ,,	237	14	0	239	10	10
Lewis: Prize	2	17	2	2	18	2
Malden: Scholar and Medal	20	4	0		13	0
Mayer de Rothschild: Scholar and Expenses	65	0	0	5	0	0
Morley: Medal		12	8		12	10
Morris Bursary: Bursar	15	0	0	15	0	0
Nettleship: Prize	3	15	4	3	16	0
Newmarch: Lecturer	56	9	3	58	1	7
Peel Memorial: Books, &c. for Working Men's Societies	81	2	0	4	3	0
Peene: Purchase and binding of Books	42	11	7	56	17	0
Pender Memorial: Electrical Apparatus	138	3	6	138	3	6
Postgate: Prize	1	1	0	.....		
Quain: Professors, Assistants, and Apparatus	1,679	2	7	1,677	19	7
Quain Law: Professor and Expenses	348	19	3	20	0	0
Retired Master	10	0	0	10	0	0
Retired Professors	100	0	0	30	0	0
Ricardo: Professor and Books	107	2	9	15	2	0
Savage: Prize	4	5	7	4	6	10
School Science: Prizes	2	3	6	12	0	0
Sharpey Scholarship: Scholar	99	8	6	105	19	6
Slade Prizes: Prizes	68	0	0	68	0	0
Slade Professorship: Professor	217	19	3	219	13	0
Slade Scholarships: Scholars, Models and Expenses	439	4	3	425	9	6
Tapson: Mrs. Tapson	20	1	6	40	3	0
Tuffnell: Scholars and Expenses	109	13	6	205	0	0
Tuke: Medals	1	13	0	1	1	2
Warr: Bursar	10	0	0	.....		
West: Scholar and Expenses	32	0	0	32	0	0
Yates Archæology: Professor, Library, &c.	390	11	3	504	7	4
Yates Geology: Professors	263	8	2	248	8	0
				£7,831	5	1
Balance on the year, being Excess of Income over Expenditure				526	7	9
	£8,602	16	11	£8,357	12	10

HY. FORSTER MORLEY.
JOHN HENNELL.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

Nov. 21st, 1902.

UNIVERSITY

Dr. GENERAL BALANCE SHEET OF

LIABILITIES.

	£ s. d.	£ s. d.
To College General Capital Account.*		
Balance, 31st August, 1901	160,791 16 8	
Deduct : Balance of College Establishment Account, being the excess of Expenditure over Receipts for the year	988 3 5	
		159,803 13 3
To Trust Funds Account, as below		4,212 12 6
To Loan from Bankers		30,000 0 0
To Loan from Equipment and Endowment Fund Committee		1,000 0 0
To Hospital Dividends and Fees Account		1,156 4 4
To Annual Subscriptions received in advance		125 0 0
To Sundry outstanding Accounts, being balance of Sundry Funds in hand after deducting £201 5*s.* 2*d.* expended on account of the Tapson Fund		817 1 6
		£197,114 11 7

* Exclusive of Equipment and Endowment Fund in course of collection.

TRUST FUNDS.—BALANCE

	£ s. d.	£ s. d.	£ s. d.
To College Trust Funds Capital Account.			
Balance 31*st August,* 1901		278,091 18 8	
Add Bequest during the year	146 9 0		
„ sundry Dividends invested (see below)	250 0 0		
„ amounts transferred from School and Branch School Fees Accounts, and invested	120 0 0		
		516 9 0	
			278,608 7 8
To Hospital Trust Funds Capital Account.			
Balance 31*st August,* 1901		116,873 8 11	
Add Bequests &c. received during the year	27,349 2 6		
„ Profit on Sales of Gas Light & Coke Co. Stock	120 14 10		
		27,469 17 4	
		144,343 6 3	
Less paid Treasurer of the Hospital per Coutts & Co. : Cash		5,310 17 0	
			139,032 9 3
To College Trust Funds Income Account.			
Balance 31*st August,* 1901		4,906 6 8	
Less Invested as above	250 0 0		
„ Excess of Expenditure over Income during the year	423 12 8		
„ Tapson Dividend in hand	20 1 6		
		693 14 2	
Balance 31st August, 1902, after deducting 5*s.* 5*d.* in respect of overdrawn accounts			4,212 12 6
			£421,853 9 5

COLLEGE, LONDON.

THE COLLEGE, 31st AUGUST, 1902. *Cr.*

ASSETS.

	£ s. d.	£ s. d.
By College Freehold Land, Buildings, Furniture, Library, etc., being the *Land with the Buildings of the College* and the Buildings Extensions, at the approximate valuation of 31st August, 1897	.....	186,000 0 0
By College Investments as per List annexed, at the approximate valuation of 31st August, 1897, but of a present value of about £3,745	.....	4,414 8 9
By Gower Street Houses. Cost as at 31st August, 1895	.....	4,500 0 0
By School Athletic Ground.—Eve Memorial Trust. Loan to the Trust	.....	1,242 15 2
By Refreshment Department, plant, &c.	.....	284 9 9
By Cash at Bankers	634 5 4	
„ in hand	38 12 7	
		672 17 11
		£197,114 11 7

SHEET, 31st AUGUST, 1902.

	£ s. d.
By College Trust Funds as per List annexed, standing in the books at a balance of total cost of ..... but, at valuations within the market prices of the day, of an approximate value of £300,800.	278,608 7 8
By Hospital Investments, as per List annexed, standing in the books at a balance of total cost of ..... but, at valuations within the market prices of the day, of an approximate value of £161,600.	139,032 9 3
By Balance owing by College General Account	4,212 12 6
	£421,853 9 5

HY. FORSTER MORLEY.
JOHN HENNELL.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*

Nov. 21st, 1902.

INVESTED FUNDS (College). 31st August, 1902.

	1. Consols 2¾ %.	2. Bank Stock.	3. Metropolitan 3 %.	4. Metropolitan 3½ %.	5. Indian 3½ %.	6. Birmingham 3 %.	7. Liverpool 3½ %.	8. Nottingham 3 %.	9. Portsmouth 2¾ %.	10. Swansea 3 %.	11. Scinde Railway Annuity B.	12. Bombay 5 %.	13. East-Indian Railway Annuity B.	14. Great Central Railway 4½ %.	15. Great Eastern 4 %.	16. Great Indian Pen. Annuity Class B.	17. Great Northern 4 %.	18. Great Western 5 %.	19. Hammersmith and City.	20. Lancashire and Yorkshire 3 %.	21. London and North-Western 3 %.	22. London and South-Western.	23. Madras 5 %.	24. Metrop. Dist. 6 %.	25. Midland 2½ %.	26. North London.	27. Railway Invest. Co. Limited 4 %.	28. South-Eastern.	29. Cardiff Railway Debenture 3 %.	30. Eadie Brewery 4 %.	31. European Petroleum Co. Limited £1 Pref Shares.	32. Sheffield Corporation 3 % Stock.	33. Elmore's Trust Lim. £1 Ord. Shares.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.	£ s. d.	£	£	£	£ s. d.	£	£	£	£	£ s. d.	£ s. d.	£	£	£ s. d.	£	£	£	£	£	£	£	£
Bacon																																	
Brundrett			1,109 10 10									598 4 4																					
Cama																																	
College												55 15 8																					
Hebb			416 15 6																				1,200										
Andrews Scholarships				5,686 5 0																													
Atchison Scholarship			3,938 0 8																														
Do. Accumulation of Dividends			62 12 10																														
Atkinson-Morley Scholarship				4,428 1 0																													
Do. Accumulation of Dividends			133 0 0	553 6 11																													
Barlow Lectureship	1,000 0 0																																
Do. Accumulation of Dividends			19 19 9																														
Berridge										9,933 1 7																							
Bruce Medal																																	
Bucknill								1,391 19 9	2,000												333 6 8												
Case Exhibition and Prize																												2,000 (e)			333		37½
Cluff Memorial Prize																					669 0 (e)												
Cook Prize				161 6 6																	266 13 4												
De Moleyns	601 9 3																																
Derby Scholarship								1,987 10 6																									
Edwards Professorship													57		2,415																		
Ellen Watson Scholarship			149 1 10		347 16 6																												
Emanuel Prize							150 0 0																										
Erichsen Prize																					380 0 (e)												
Fellowes Medal			508 1 9																														
Do. Accumulation of Dividends			93 9 6																														
Fielden Professors and Scholars																																	
Filliter Exhibition				991 17 0																								4,000 (g)					
Goldsmid Professorships			3,267 6 0																														
Goldsmid, Sir F. H., Bart.			25,493 1 6										297			267 2 0																	
Grant (Zool. Library)			2,201 8 0																														
Grote Professorship																					7,423 6 8												
Hawkes-Tucker Prize								145 17 0																									
Heimann Medal				50 0 0																													
Hollier Scholarships	4,907 11 10																																
Do. Examination	1,200 0 0																																
Holloway Exhibitions				2,217 5 0																													
Do. Accumulation of Dividends				105 6 1																													
Holme		2,700	138 19 0								183 3 0												10,000										
Horton Scholarship								709 14 2																									
Hume Memorial Scholarships			180 8 0	1,247 17 0																													
Do. Accumulation of Dividends			151 6 0	70 14 6																													
Jews Commemoration Scholarship	1,000 0 0																																
Do. Do. Accumulation of Dividends				79 1 6																													
Jodrell Physiology Professorship							7,562 13 11																										
Do. Zoology Professorship					7,220 4 4																												
Lewis Prize								101 10 3																									
Library Deposit			88 13 0	76 13 6	90 9 3						1 2																						
Liston Medal			302 0 6																														
Do. Accumulation of Dividends			56 16 2																														
Malden Medal and Scholarship			230 12 9	470 6 10																													
Mayer de Rothschild Exhibition																66 15 6																	
Melvill Nettleship Prize																														100			
Mill Scholarship																								333									
Morley Medal								22 7 6																									
Morris Bursary			35 9 5																			470 0 (d)											
Morris Prize			100 17 8																														
Newmarch Lectureship																											1,524						
Peel	1,745 15 1																																
Peene				1,480 16 6																													
Pender Professorship		1,381 15 0																															
Postgate																																50	
Quain	5,590 2 11											790 0 0		1,000		588 19 11	3,375	2,000	4,000			2,666 0 (e)			9,440 0 0					8,320			
Quain Law						1,107 9 7														3,333					4,000 0 0			3,000 (f)					
Retired Masters			2,289 18 9					209 6 2																									
Retired Professors	1,301 3 9		1,638 15 9					1154 1 2										2,100															
Ricardo Scholarship				569 15 0																													
Do. Do. Accumulation of Dividends				701 18 8																													
Robinson Crabb (Flaxman)																		1,800															
Savage Prize								152 5 5																									
Schäfer Memorial			205 1 2																														
School Science Exhibition, &c.			596 0 8																														
Sharpey Scholarship			129 0 6													48 1 9							400		1,942 8 0								
Slade Professorship					6,620 2 8																												
Do. Scholarships					9,135 4 1																												
Do. Prizes					2,108 9 3																												
Tapson		401 8 8																							811 1 11								
Trevelyan Goodall Scholarship					4,950 9 11																												
Tuffnell Scholarships															50																		
Tuke Memorial			100 17 8															600															
Warr Bursary																																	
West Scholarship																					3,842 0 (a)												
Yates Archæology Professorship																					375 0 (e)					5,402 (a)							
Do. Geology Professorship																										1,000 (b)							
" "																																	
	17,346 2 10	4,483 3 8	43,637 5 2	18,890 11 0	30,472 16 0	1,107 9 7	7,712 13 11	5,874 11 11	2,000	9,933 1 7	183 4 2	1,444 0 0	354	1,000	2,465	970 19 2	3,375	6,500	4,000	3,333	13,289 6 8	3,136 0 0	11,000	333	16,193 9 11	6,402	1,524	9,000	8,320	100	333	50	37 10 0
Endowment and Equipment Account*	29,096 5 9																																

Book value £4,414 8s. 9d.

Standing at a Book value of £378,608 7s. 8d., but, at valuations within the market prices of the day, of an approximate value of £500,800.

* This amount has been purchased in the name of the College by the Committee of the Endowment and Equipment Fund, but has not yet been transferred to the Council.

(a) Stock. (b) Preference Stock. (c) 3 %. (d) 3½ %. (e) 4 %. (f) 4½ %. (g) 5 %.

INVESTED FUNDS (Hospital). 31st August, 1902.

	1. Consols 2¾ %.	2. Bank Stock.	3. Metropolitan 3 %.	4. Metropolitan 3½ %.	5. Indian 3 %.	6. Indian 3½ %.	7. New South Wales.	8. Nottingham 3 %.	9. Scinde Railway Annuity B.	10. Bombay 5 %.	11. East Indian Railway Annuity B.	12. Great Central Railway 4½ %.	13. Great Eastern 4 %.	14. Great Indian Peninsula.	15. Great Northern 3 %.	16. Great Western 5 %.	17. Lancashire and Yorkshire 4 %.	18. London, Brighton, and S. Coast 5 %.	19. London and North-Western 3 %.	20. Local Loans 3 %.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s.	£	£	£ s. d.	£ s. d.	£	£	£	£ s. d.	£ s. d.
For special purposes	2,862 10 3	4,026 5 2	27,910 9 2		5,763 19 9	2,972 15 2	3,625 9 10 (b) 685 4 4 (c)	2,202 8 7	104 17 0	1,920	100 5	870	340	66 15 6 (d) 1,500 0 0 (b)		275			2,666 13 4	999 6 6
" general "	19,373 18 6																			
Yates's Bequest*		3,301 6 6	36,541 14 11	512 12 11				594 15 4	58 18 3	600					10,666 13 4		1,725	768		
	22,236 8 9	7,327 11 8	64,452 4 1	512 12 11	5,763 19 9	2,972 15 2	4,310 14 2	2,797 3 11	163 15 3	2,520	100 5	870	340	1,566 15 6	10,666 13 4	275	1,725	768	2,666 13 4	999 6 6

Standing at a Book value of £139,632 9s. 3d., but, at valuations within the market prices of the day, of an approximate value of £161,600.

(a) 5 %. (b) 4 %. (c) 3½ %. (d) Annuity Class B.

* One-half of the income of this Bequest is for General Purposes, and the other half for the Samaritan Fund.

HY. FORSTER MORLEY.
JOHN HENNELL.
EDWIN WATERHOUSE, F.C.A. } *Auditors.*